

[Cloud Vision API Product Search](#)

# ImageContext

Image context and/or feature-specific parameters.

## JSON representation

```
{
  "latLongRect": {
    object(LatLongRect (https://cloud.google.com/vision/product-search/docs/reference/rest/v1p3beta1/ImageContext#LatLongRect)
  ),
  "languageHints": [
    string
  ],
  "cropHintsParams": {
    object(CropHintsParams (https://cloud.google.com/vision/product-search/docs/reference/rest/v1p3beta1/ImageContext#CropHintsParams)
  ),
  "productSearchParams": {
    object(ProductSearchParams (https://cloud.google.com/vision/product-search/docs/reference/rest/v1p3beta1/ImageContext#ProductSearchParams)
  ),
  "webDetectionParams": {
    object(WebDetectionParams (https://cloud.google.com/vision/product-search/docs/reference/rest/v1p3beta1/ImageContext#WebDetectionParams)
  )
}
```

## Fields

<b>latLongRect</b>	<b>object</b> ( <b>LatLongRect</b> ( <a href="https://cloud.google.com/vision/product-search/docs/reference/rest/v1p3beta1/ImageContext#LatLongRect">https://cloud.google.com/vision/product-search/docs/reference/rest/v1p3beta1/ImageContext#LatLongRect</a> ) )  Not used.
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## Fields

<b>languageHints[]</b>	<p><b>string</b></p> <p>List of languages to use for TEXT_DETECTION. In most cases, an empty value yields the best results since it enables automatic language detection. For languages based on the Latin alphabet, setting <b>languageHints</b> is not needed. In rare cases, when the language of the text in the image is known, setting a hint will help get better results (although it will be a significant hindrance if the hint is wrong). Text detection returns an error if one or more of the specified languages is not one of the <a href="https://cloud.google.com/vision/docs/languages">supported languages</a> (<a href="https://cloud.google.com/vision/docs/languages">https://cloud.google.com/vision/docs/languages</a>).</p>
<b>cropHintsParams</b>	<p><b>object(<a href="https://cloud.google.com/vision/product-search/docs/reference/rest/v1p3beta1/ImageContext#CropHintsParams">CropHintsParams</a>)</b> (<a href="https://cloud.google.com/vision/product-search/docs/reference/rest/v1p3beta1/ImageContext#CropHintsParams">https://cloud.google.com/vision/product-search/docs/reference/rest/v1p3beta1/ImageContext#CropHintsParams</a>)</p> <p>Parameters for crop hints annotation request.</p>
<b>productSearchParams</b>	<p><b>object(<a href="https://cloud.google.com/vision/product-search/docs/reference/rest/v1p3beta1/ImageContext#ProductSearchParams">ProductSearchParams</a>)</b> (<a href="https://cloud.google.com/vision/product-search/docs/reference/rest/v1p3beta1/ImageContext#ProductSearchParams">https://cloud.google.com/vision/product-search/docs/reference/rest/v1p3beta1/ImageContext#ProductSearchParams</a>)</p> <p>Parameters for product search.</p>
<b>webDetectionParams</b>	<p><b>object(<a href="https://cloud.google.com/vision/product-search/docs/reference/rest/v1p3beta1/ImageContext#WebDetectionParams">WebDetectionParams</a>)</b> (<a href="https://cloud.google.com/vision/product-search/docs/reference/rest/v1p3beta1/ImageContext#WebDetectionParams">https://cloud.google.com/vision/product-search/docs/reference/rest/v1p3beta1/ImageContext#WebDetectionParams</a>)</p> <p>Parameters for web detection.</p>

## LatLongRect

Rectangle determined by min and max [LatLng](#) pairs.

## JSON representation

```
{
  "minLatLng": {
    object(LatLng (https://cloud.google.com/vision/product-search/docs/reference/rest/Shared.Types/
  },
  "maxLatLng": {
    object(LatLng (https://cloud.google.com/vision/product-search/docs/reference/rest/Shared.Types/
  }
}
```

## Fields

minLatLng	<b>object(LatLng</b> (https://cloud.google.com/vision/product-search/docs/reference/rest/Shared.Types/LatLng) )  Min lat/long pair.
maxLatLng	<b>object(LatLng</b> (https://cloud.google.com/vision/product-search/docs/reference/rest/Shared.Types/LatLng) )  Max lat/long pair.

## CropHintsParams

Parameters for crop hints annotation request.

## JSON representation

```
{
  "aspectRatios": [
    number
  ]
}
```

## Fields

## Fields

<b>aspectRatios[]</b>	<b>number</b>
	Aspect ratios in floats, representing the ratio of the width to the height of the image. For example, if the desired aspect ratio is 4/3, the corresponding float value should be 1.33333. If not specified, the best possible crop is returned. The number of provided aspect ratios is limited to a maximum of 16; any aspect ratios provided after the 16th are ignored.

## ProductSearchParams

Parameters for a product search request.

### JSON representation

```
{
  "boundingPoly": {
    object(BoundingPoly (https://cloud.google.com/vision/product-search/docs/reference/rest/v1p3beta1/projects.locations.products.referenceImages#BoundingPoly))
  },
  "productSet": string,
  "productCategories": [
    string
  ],
  "filter": string
}
```

## Fields

<b>boundingPoly</b>	<b>object(<b>BoundingPoly</b></b> ( <a href="https://cloud.google.com/vision/product-search/docs/reference/rest/v1p3beta1/projects.locations.products.referenceImages#BoundingPoly">https://cloud.google.com/vision/product-search/docs/reference/rest/v1p3beta1/projects.locations.products.referenceImages#BoundingPoly</a> ) )
	The bounding polygon around the area of interest in the image. Optional. If it is not specified, system discretion will be applied.

## Fields

<b>productSet</b>	<b>string</b> <p>The resource name of a <b>ProductSet</b> (<a href="https://cloud.google.com/vision/product-search/docs/reference/rest/v1p3beta1/projects.locations.productSets#ProductSet">https://cloud.google.com/vision/product-search/docs/reference/rest/v1p3beta1/projects.locations.productSets#ProductSet</a>) to be searched for similar images.</p> <p>Format is: <b>projects/PROJECT_ID/locations/LOC_ID/productSets/PRODUCT_SET_ID.</b></p>
<b>productCategories[]</b>	<b>string</b> <p>The list of product categories to search in. Currently, we only consider the first category, and either "homegoods", "apparel", or "toys" should be specified.</p>
<b>filter</b>	<b>string</b> <p>The filtering expression. This can be used to restrict search results based on Product labels. We currently support an AND of OR of key-value expressions, where each expression within an OR must have the same key.</p> <p>For example, "(color = red OR color = blue) AND brand = Google" is acceptable, but not "(color = red OR brand = Google)" or "color: red".</p>

## WebDetectionParams

Parameters for web detection request.

### JSON representation

```
{  
  "includeGeoResults": boolean  
}
```

## Fields

## Fields

**includeGeoResults****boolean**

Whether to include results derived from the geo information in the image.

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*Last updated December 10, 2018.*