

# Converting Colors

Android(4291271150)

Have a look what the booklet for  
Android(4291271150) contains.

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# **Color**

**Android(4291271150)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C799EE
RGB	199, 153, 238
RGB Percent	78%, 60%, 93%
CMY	0.2196, 0.4000, 0.0667
CMYK	0.16, 0.36, 0.00, 0.07
HSL	272°, 71%, 77%
HSV	272°, 36%, 93%
XYZ	50.3770, 41.0976, 86.1664
YIQ	176.4440, 0.1310, 36.1870

# Conversions

## Conversions Part 2

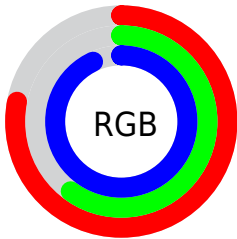
Format	Color
<a href="#">RYB</a>	<a href="#">199, 153, 238</a>
Decimal	<a href="#">13081070</a>
CIELab	<a href="#">70.24, 32.90, -36.30</a>
CIELCh	<a href="#">70, 48.986, 312.187</a>
Yxy	<a href="#">41.0976, 0.2836, 0.2314</a>
Android (android.graphics.Color)	<a href="#">4291271150 (0xFFC799EE)</a>
YUV	<a href="#">176.4440, 30.3471, 19.7816</a>
Hunter-Lab	<a href="#">64.1074, 28.0812, -34.8161</a>

# Details

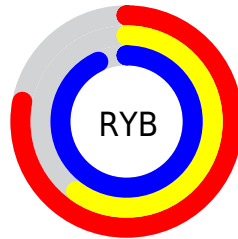
The Android color `4291271150` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4290834073`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4294955263`, and `4287653302` is the 20% darker color. If you saturate the color by 10%, you get `4290544110`, and if you desaturate by 10%, it is `4291998190`.

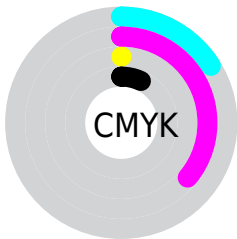
# Distribution



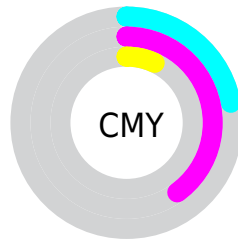
- Red (78%)
- Green (60%)
- Blue (93%)



- Red (78%)
- Yellow (60%)
- Blue (93%)



- Cyan (16%)
- Magenta (36%)
- Yellow (0%)
- Black (7%)




- Cyan (22%)
- Magenta (40%)
- Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291271150 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4291271150 by changing the saturation by 10% instead.



 4291271150

 4291271150

4294967295

 4289429458

 4294955263

 4287653302

 4294962431

 4285877659

 4284167552


 4282523239


 4280878670

 4279697463


 4278190625

 4278190085

 4291271150

 4291271150

 4290544110

 4291998190

 4289817070

 4292725230

 4289090286

 4293452014

 4288363246

 4294179054

 4287636206

 4294901742

 4286909166

 4294967278

 4286644462

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4286819071



4291271150



4293954248

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4291271150



4292714582



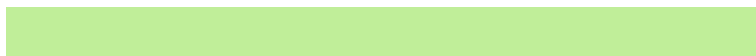
4278240189

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4291271150



4290834073

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4282499471



4291271150



4290096978

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4291271150



4294479986



4286888551



4278239462

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4291271150



4294870698



4286888551



4278239918



# Sweetspot

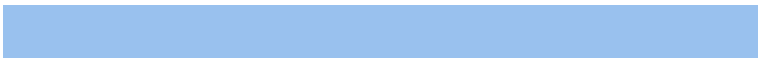
The Sweet Spot groups the original color and five complimentary colors.



4291271150



4294108159



4288266734



4286082944



4278190080



4286611584



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4291271150



4291662335



4293827051



4285688952



4284678328



4280156216



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4293827008



4294939076



4288278172



4286082161



4290248788



4281860122



# Previews

## White Background



This preview shows how the Android color 4291271150 looks on a white background.

## Color Contrast Check

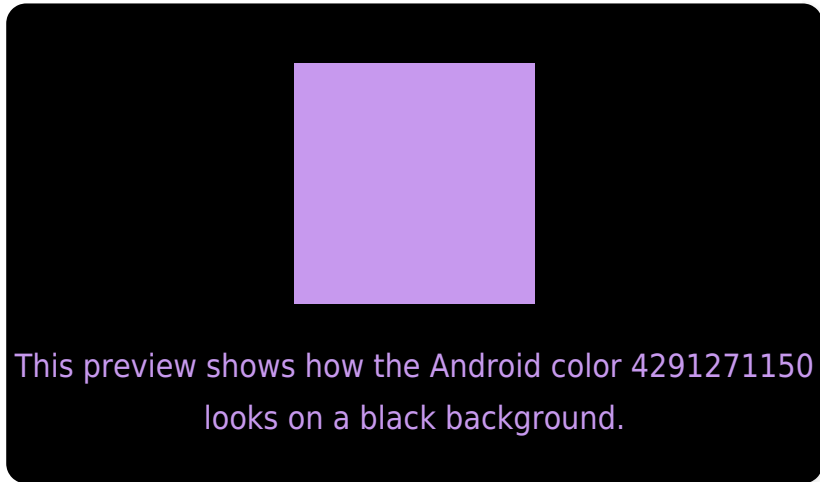
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

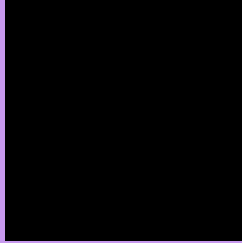
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291271150 Background



This preview shows how black text looks on a background with the Android color 4291271150.



This preview shows how white text looks on a background with the Android color 4291271150.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
4291271150

**Protanopia**  
4287736315

**Deuteranopia**  
4288260843



**Tritanopia**  
4290618802

# Trichromacy



**Original Color**  
4291271150

**Protanomaly**  
4289045494

**Deuteranomaly**  
4289373420

**Tritanomaly**  
4290879944

# Monochromacy



**Original Color**  
4291271150

**Achromatopsia**  
4289769648

**Achromatomaly**  
4290291911

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291271150 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(199, 153, 238)` looks like.

```
.text, #text, p{  
    color:rgb(199, 153, 238)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(199, 153, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 153, 238) }
```

## Border

The CSS property to change the border of an element to Android 4291271150 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 153, 238) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(199, 153, 238) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(199, 153, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 153, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 153, 238);  
box-shadow:4px 4px 4px 4px rgb(199, 153,  
238) }
```

# Background

The CSS property to change the background color of an element to Android 4291271150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 153, 238) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(199,  
153, 238) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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