

# Converting Colors

Android(4290671868)

Have a look what the booklet for  
Android(4290671868) contains.

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# **Color**

**Android(4290671868)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE74FC
RGB	190, 116, 252
RGB Percent	75%, 45%, 99%
CMY	0.2549, 0.5451, 0.0118
CMYK	0.25, 0.54, 0.00, 0.01
HSL	273°, 96%, 72%
HSV	273°, 54%, 99%
XYZ	45.0513, 30.4662, 95.6016
YIQ	153.6300, 0.4480, 57.9840

# Conversions

## Conversions Part 2

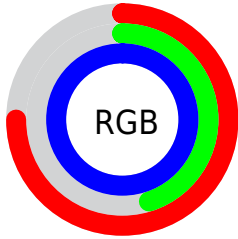
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">190, 116, 252</a>
Decimal	<a href="#">12481788</a>
CIELab	<a href="#">62.05, 53.40, -56.94</a>
CIElCh	<a href="#">62, 78.063, 313.167</a>
Yxy	<a href="#">30.4662, 0.2633, 0.1780</a>
Android (android.graphics.Color)	<a href="#">4290671868 (0xFFBE74FC)</a>
YUV	<a href="#">153.6300, 48.4964, 31.8965</a>
Hunter-Lab	<a href="#">55.1962, 49.0988, -64.0548</a>

# Details

The Android color `4290671868` is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be `4289920116`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4294552319`, and `4286922947` is the 20% darker color. If you saturate the color by 10%, you get `4289944572`, and if you desaturate by 10%, it is `4291399164`.

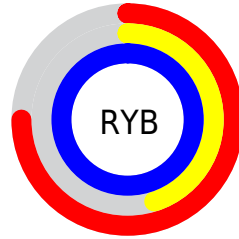
# Distribution



Red (75%)

Green (45%)

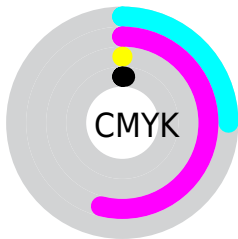
Blue (99%)



Red (75%)

Yellow (45%)

Blue (99%)

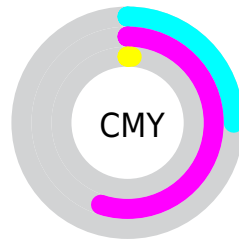


Cyan (25%)

Magenta (54%)

Yellow (0%)

Black (1%)



Cyan (25%)

Magenta (55%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290671868 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 4290671868 by changing the saturation by 10% instead.



 4290671868

 4290671868

4294967295

 4288764639

 4294552319

 4286922947

 4294952703

 4285080999

 4294960127

 4283237260

 4281335922

 4279369817

 4278190144

 4278190889

 4278190355

■ 4290671868

■ 4290671868

■ 4289944572

■ 4291399164

■ 4289151740

■ 4292191996

■ 4288424188

■ 4292919548

■ 4287631356

■ 4293712380

■ 4287168764

■ 4294439676

4294967292

# Harmonies

## Analogous

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



4278228223



4290671868



4294791616

# Triad

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



4290671868



4292117504



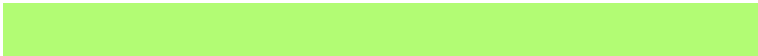
4278236596

# Complementary

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



4290671868



4289920116

# 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.



4278235755



4290671868



4288191488

# Square

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



4290671868



4294861625



4282690336



4278236148

# Rectangle

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



4290671868



4294919570



4282690336



4278236572



# Sweetspot

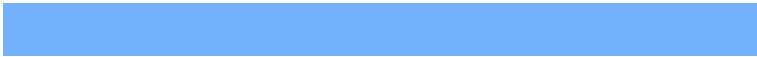
The Sweet Spot groups the original color and five complimentary colors.



4290671868



4293711615



4285838332



4285818752



4278190080



4286611584



# Same Dimension

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



4290671868



4289944063



4294735095



4286017661



4284940477



4280352829



# Inverse Universe

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



4294735026



4294924709



4285856889



4286410870



4290576470

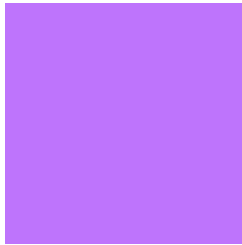


4282187804



# Previews

## White Background



This preview shows how the Android color 4290671868 looks on a white background.

## Color Contrast Check

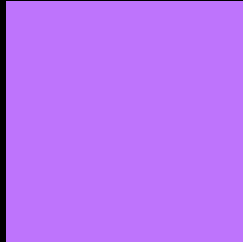
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4290671868 looks on a 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 4290671868 Background



This preview shows how black text looks on a background with the Android color 4290671868.




This preview shows how white text looks on a background with the Android color 4290671868.

# 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





**Tritanopia**  
4289564056

# Trichromacy



**Original Color**  
4290671868



**Protanomaly**  
4287072510



**Deuteranomaly**  
4286548728



**Tritanomaly**  
4289955004

# Monochromacy



**Original Color**  
4290671868



**Achromatopsia**  
4288322202



**Achromatomaly**  
4289170622

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290671868 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(190, 116, 252)` looks like.

```
.text, #text, p{  
    color:rgb(190, 116, 252)  
}
```

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(190, 116, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 116, 252) }
```

## Border

The CSS property to change the border of an element to Android 4290671868 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(190, 116, 252) }
```

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

```
.border{ border-color:rgb(190, 116, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 116, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 116, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 116, 252);  
box-shadow:4px 4px 4px 4px rgb(190, 116,  
252) }
```

# Background

The CSS property to change the background color of an element to Android 4290671868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 116, 252) }
```

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

```
.background{ background-color: rgb(190,  
116, 252) }
```

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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