

# Converting Colors

Android(4285890806)

Have a look what the booklet for  
Android(4285890806) contains.

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# **Color**

**Android(4285890806)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7580F6
RGB	117, 128, 246
RGB Percent	46%, 50%, 96%
CMY	0.5412, 0.4980, 0.0353
CMYK	0.52, 0.48, 0.00, 0.04
HSL	235°, 88%, 71%
HSV	235°, 52%, 96%
XYZ	31.6898, 25.8741, 90.5127
YIQ	138.1630, -44.4340, 34.3660

# Conversions

## Conversions Part 2

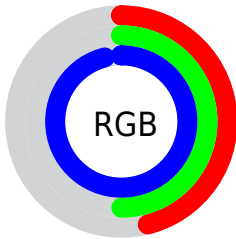
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">117, 127, 246</a>
Decimal	<a href="#">7700726</a>
CIELab	<a href="#">57.92, 28.10, -60.61</a>
CIElCh	<a href="#">58, 66.806, 294.873</a>
Yxy	<a href="#">25.8741, 0.2140, 0.1747</a>
Android (android.graphics.Color)	<a href="#">4285890806 (0xFF7580F6)</a>
YUV	<a href="#">138.1630, 53.1636, -18.5600</a>
Hunter-Lab	<a href="#">50.8666, 22.1889, -69.8949</a>

# Details

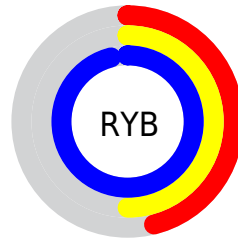
The Android color `4285890806` is a light color, and the websafe version is hex `6666CC`. A complement of this color would be `4294372213`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4289771007`, and `4281683901` is the 20% darker color. If you saturate the color by 10%, you get `4284246518`, and if you desaturate by 10%, it is `4287535094`.

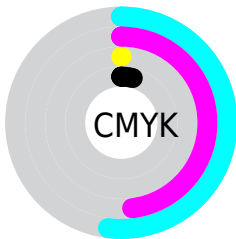
# Distribution



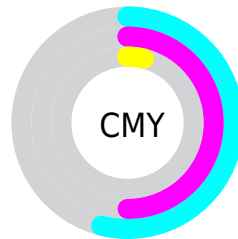
- Red (46%)
- Green (50%)
- Blue (96%)



- Red (46%)
- Yellow (50%)
- Blue (96%)



- Cyan (52%)
- Magenta (48%)
- Yellow (0%)
- Black (4%)



- Cyan (54%)
- Magenta (50%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285890806 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 4285890806 by changing the saturation by 10% instead.



 4285890806


 4285890806

4294967295

 4283918297

 4289771007

 4281683901

 4291743999

 4278204833

 4293717247

 4278199430

 4278194540

 4278190163

 4278191675

 4278190629

 4278190349

■ 4285890806

■ 4285890806

■ 4284246518

■ 4287535094

■ 4282668022

■ 4289113590

■ 4281023734

■ 4290757878

■ 4279445238

■ 4292336374

■ 4278195702

■ 4293980662

■ 4294967286

# Harmonies

## Analogous

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



4278228479



4285890806



4291257551

# Triad

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



4285890806



4292504873



4278232447

# Complementary

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



4285890806



4294372213

# 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.



4279607363



4285890806



4289692928

# Square

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



4285890806



4294005854



4286092802



4278232763

# Rectangle

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



4285890806



4293219499



4286092802



4278232171



# Sweetspot

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



4285890806



4292270847



4285921001



4284967296



4278190080



4286611584



# Same Dimension

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



4285890806



4284378367



4289295862



4285427578



4278194362



4278191419



# Inverse Universe

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



4294342016



4294925932



4290967157



4286213743



4290379792

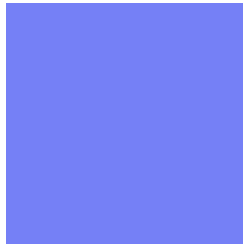


4282056709



# Previews

## White Background



This preview shows how the Android color 4285890806 looks on a white background.

## Color Contrast Check

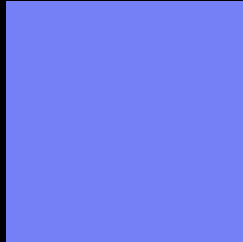
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285890806 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

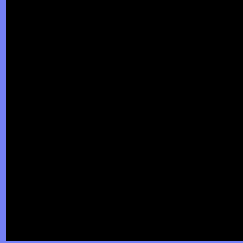
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4285890806 Background



This preview shows how black text looks on a background with the Android color 4285890806.



This preview shows how white text looks on a background with the Android color 4285890806.

# 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





# Trichromacy



**Original Color**  
4285890806

**Protanomaly**  
4284318970

**Deuteranomaly**  
4283074804

**Tritanomaly**  
4284714431

# Monochromacy



**Original Color**  
4285890806

**Achromatopsia**  
4287269514

**Achromatomaly**  
4286744241

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285890806 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(117, 128, 246)` looks like.

```
.text, #text, p{  
    color:rgb(117, 128, 246)  
}
```

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(117, 128, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 128, 246) }
```

## Border

The CSS property to change the border of an element to Android 4285890806 is called "border". The border property can be set on classes, ids or directly on the HTML element.

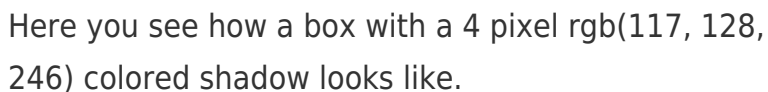
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 128, 246) }
```

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

```
.border{ border-color:rgb(117, 128, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 128, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 128, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 128, 246); box-shadow:4px 4px 4px 4px rgb(117, 128, 246) }
```

# Background

The CSS property to change the background color of an element to Android 4285890806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 128, 246) }
```

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

```
.background{ background-color: rgb(117,  
128, 246) }
```

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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