

# Converting Colors

Android(4285037293)

Have a look what the booklet for  
Android(4285037293) contains.

<b>Android(4285037293)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4285037293)**

# Conversions

## Conversions Part 1

Format	Color
Hex	687AED
RGB	104, 122, 237
RGB Percent	41%, 48%, 93%
CMY	0.5922, 0.5216, 0.0706
CMYK	0.56, 0.49, 0.00, 0.07
HSL	232°, 79%, 67%
HSV	232°, 56%, 93%
XYZ	27.9545, 22.9765, 83.0823
YIQ	129.7280, -47.6430, 31.9490

# Conversions

## Conversions Part 2

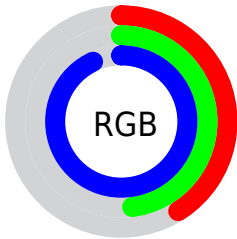
Format	Color
<a href="#">RYB</a>	<a href="#">104, 120, 237</a>
Decimal	<a href="#">6847213</a>
CIELab	<a href="#">55.05, 26.27, -60.26</a>
CIELCh	<a href="#">55, 65.740, 293.554</a>
Yxy	<a href="#">22.9765, 0.2086, 0.1714</a>
Android (android.graphics.Color)	<a href="#">4285037293 (0xFF687AED)</a>
YUV	<a href="#">129.7280, 52.8851, -22.5635</a>
Hunter-Lab	<a href="#">47.9339, 20.2150, -69.2119</a>

# Details

The Android color `4285037293` is a light color, and the websafe version is hex `6666CC`. A complement of this color would be `4293778280`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4288982783`, and `4280437428` is the 20% darker color. If you saturate the color by 10%, you get `4283459309`, and if you desaturate by 10%, it is `4286615277`.

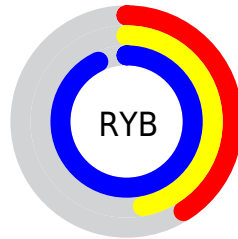
# Distribution



Red (41%)

Green (48%)

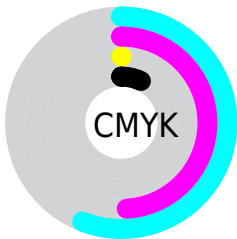
Blue (93%)



Red (41%)

Yellow (47%)

Blue (93%)

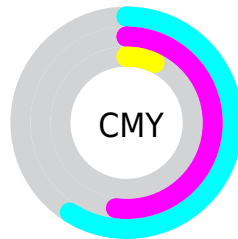


Cyan (56%)

Magenta (49%)

Yellow (0%)

Black (7%)



Cyan (59%)

Magenta (52%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285037293 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 4285037293 by changing the saturation by 10% instead.



 4285037293

 4285037293

4294967295

 4282933712

 4288982783

 4280437428

 4290890239

 4278203545

 4292863487

 4278198142

4294901759

 4278193253

 4278191436

 4278191156

 4278190622

 4278190080

■ 4285037293

■ 4285037293

■ 4283459309

■ 4286615277

■ 4281946605

■ 4288127981

■ 4280368621

■ 4289705965

■ 4278790381

■ 4291284205

■ 4278198509

■ 4292796653

■ 4294374893

■ 4294967277

# Harmonies

## Analogous

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



4278226678



4285037293



4290535368

# Triad

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



4285037293



4291912998



4278230389

# Complementary

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



4285037293



4293778280

# 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.



4279670843



4285037293



4289297664

# Square

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



4285037293



4293348698



4285763072



4278230704

# Rectangle

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



4285037293



4292431525



4285763072



4278230113



# Sweetspot

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



4285037293



4292139775



4285066713



4284901760



4278190080



4286611584



# Same Dimension

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



4285037293



4283722751



4288112877



4285164405



4278196661



4278191926



# Inverse Universe

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



4293748858



4294923371



4290702696



4285885035



4290052121

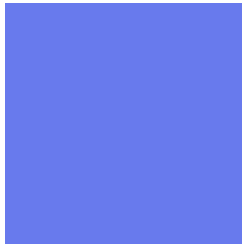


4281729031



# Previews

## White Background



This preview shows how the Android color 4285037293 looks on a white background.

## Color Contrast Check

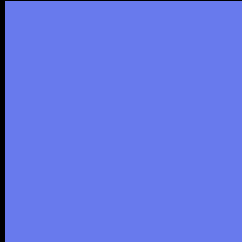
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285037293 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 4285037293 Background



This preview shows how black text looks on a background with the Android color 4285037293.



This preview shows how white text looks on a background with the Android color 4285037293.

# 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**  
4285037293

**Protanomaly**  
4283727345

**Deuteranomaly**  
4282024427

**Tritanomaly**  
4283729848

# Monochromacy



**Original Color**  
4285037293

**Achromatopsia**  
4286743170

**Achromatomaly**  
4286152617

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285037293 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(104, 122, 237)` looks like.

```
.text, #text, p{  
    color:rgb(104, 122, 237)  
}
```

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(104, 122, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 122, 237) }
```

## Border

The CSS property to change the border of an element to Android 4285037293 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(104, 122, 237) }
```

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

```
.border{ border-color:rgb(104, 122, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 122, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 122, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 122, 237);  
box-shadow:4px 4px 4px 4px rgb(104, 122,  
237) }
```

# Background

The CSS property to change the background color of an element to Android 4285037293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 122, 237) }
```

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

```
.background{ background-color: rgb(104,  
122, 237) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor