

# Converting Colors

Android(4285937399)

Have a look what the booklet for  
Android(4285937399) contains.

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**Color**

**Android(4285937399)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7636F7
RGB	118, 54, 247
RGB Percent	46%, 21%, 97%
CMY	0.5373, 0.7882, 0.0314
CMYK	0.52, 0.78, 0.00, 0.03
HSL	260°, 92%, 59%
HSV	260°, 78%, 97%
XYZ	25.5789, 13.2053, 89.1964
YIQ	95.1380, -23.8090, 73.5910

# Conversions

## Conversions Part 2

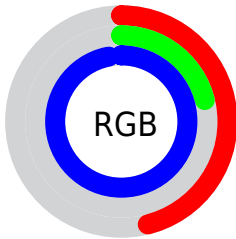
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	118, 54, 247
Decimal	7747319
CIE Lab	43.07, 68.20, -85.29
CIE LCh	43, 109.203, 308.645
Yxy	13.2053, 0.1999, 0.1032
Android (android.graphics.Color)	4285937399 (0xFF7636F7)
YUV	95.1380, 74.8680, 20.0500
Hunter-Lab	36.3391, 62.0518, -120.0934

# Details

The Android color `4285937399` is a dark color, and the websafe version is hex `6633FF`. The color can be described as middle washed purple. A complement of this color would be `4290246454`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4290080255`, and `4281139389` is the 20% darker color. If you saturate the color by 10%, you get `4284816887`, and if you desaturate by 10%, it is `4287057911`.

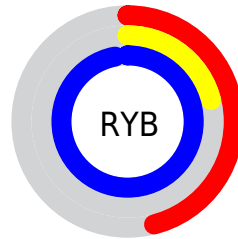
# Distribution



Red (46%)

Green (21%)

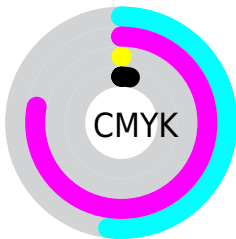
Blue (97%)



Red (46%)

Yellow (21%)

Blue (97%)

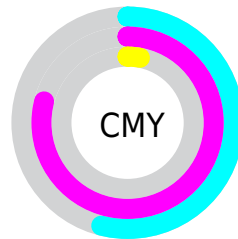


Cyan (52%)

Magenta (78%)

Yellow (0%)

Black (3%)



Cyan (54%)

Magenta (79%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285937399 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 4285937399 by changing the saturation by 10% instead.



 4285937399

 4285937399

4294967295

 4283766746

 4290080255

 4281139389

 4292118783

 4278190241

 4294157311

 4278190214

 4294951167

 4278190187

 4294958335

 4278192978

 4294966015

 4278191418

 4278190627

 4278190091

■ 4285937399

■ 4285937399

■ 4284816887

■ 4287057911

■ 4283762167

■ 4288112631

■ 4283564279

■ 4289233143

■ 4290288119

■ 4291408631

■ 4292463351

■ 4293583863

■ 4294638839

■ 4294967287

# Harmonies

## Analogous

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



4278218239



4285937399



4292608170

# Triad

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



4285937399



4289611008



4278224255

# Complementary

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



4285937399



4290246454

# 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.



4278223384



4285937399



4284836608

# Square

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



4285937399



4293001216



4278221824



4278224599

# Rectangle

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



4285937399



4294180974



4278221824



4278223967



# Sweetspot

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



4285937399



4292396287



4281776887



4285029504



4278190080



4286611584



# Same Dimension

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



4285937399



4284420095



4292097783



4285689466



4282253498



4279435323



# Inverse Universe

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



4294391479



4294905776



4284086070



4286213750



4290379900

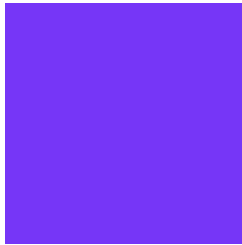


4282056743



# Previews

## White Background



This preview shows how the Android color 4285937399 looks on a white background.

## Color Contrast Check

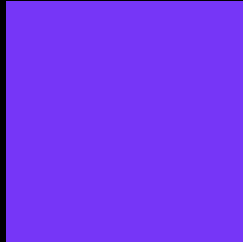
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4285937399 looks on a black 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

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



# Android 4285937399 Background



This preview shows how black text looks on a background with the Android color 4285937399.



This preview shows how white text looks on a background with the Android color 4285937399.

# 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**  
4285937399

**Protanopia**  
4278215374

**Deuteranopia**  
4278216881



# Trichromacy



**Original Color**  
4285937399



**Protanomaly**  
4281029341



**Deuteranomaly**  
4281030346



**Tritanomaly**  
4284241826

# Monochromacy



**Original Color**  
4285937399



**Achromatopsia**  
4284440415



**Achromatomaly**  
4284960918

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285937399 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(118, 54, 247)` looks like.

```
.text, #text, p{  
    color:rgb(118, 54, 247)  
}
```

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(118, 54, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 54, 247) }
```

## Border

The CSS property to change the border of an element to Android 4285937399 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(118, 54, 247) }
```

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

```
.border{ border-color:rgb(118, 54, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 54, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 54, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 54, 247);  
box-shadow:4px 4px 4px 4px rgb(118, 54,  
247) }
```

# Background

The CSS property to change the background color of an element to Android 4285937399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 54, 247) }
```

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

```
.background{ background-color: rgb(118, 54,  
247) }
```

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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