

# Converting Colors

Android(4284374773)

Have a look what the booklet for  
Android(4284374773) contains.

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# Color

**Android(4284374773)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E5EF5
RGB	94, 94, 245
RGB Percent	37%, 37%, 96%
CMY	0.6314, 0.6314, 0.0392
CMYK	0.62, 0.62, 0.00, 0.04
HSL	240°, 88%, 66%
HSV	240°, 62%, 96%
XYZ	25.1002, 16.9777, 88.3403
YIQ	111.2140, -48.4710, 46.9610

# Conversions

## Conversions Part 2

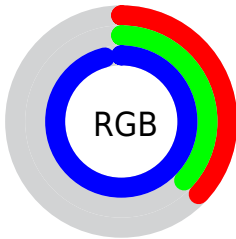
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 94, 245
Decimal	6184693
CIE <sub>Lab</sub>	48.23, 43.93, -75.79
CIE <sub>LCh</sub>	48, 87.600, 300.095
Yxy	16.9777, 0.1925, 0.1302
Android (android.graphics.Color)	4284374773 (0xFF5E5EF5)
YUV	111.2140, 65.9565, -15.0967
Hunter-Lab	41.2040, 36.6300, -98.2736

# Details

The Android color `4284374773` is a dark color, and the websafe version is hex `6666FF`. The color can be described as middle muted blue. A complement of this color would be `4294309214`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4288582143`, and `4278202299` is the 20% darker color. If you saturate the color by 10%, you get `4282795765`, and if you desaturate by 10%, it is `4286019573`.

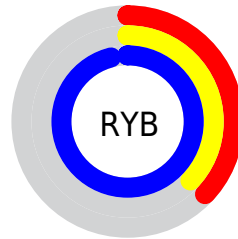
# Distribution



Red (37%)

Green (37%)

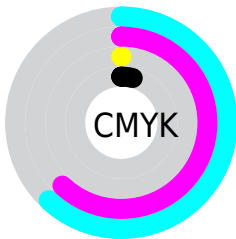
Blue (96%)



Red (37%)

Yellow (37%)

Blue (96%)

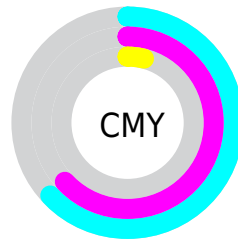


Cyan (62%)

Magenta (62%)

Yellow (0%)

Black (4%)



Cyan (63%)

Magenta (63%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284374773 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 4284374773 by changing the saturation by 10% instead.



 4284374773

 4284374773

4294967295

 4281943768

 4288582143

 4278202299

 4290555135

 4278196896

 4292593663

 4278192005

 4294632447

 4278190187

 4278192977

 4278191417

 4278190627

 4278190089

■ 4284374773

■ 4284374773

■ 4282795765

■ 4286019573

■ 4281150965

■ 4287598581

■ 4279571957

■ 4289243381

■ 4278190325

■ 4290822389

■ 4292467189

■ 4294046197

■ 4294967285

# Harmonies

## Analogous

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



4278222335



4284374773



4291240638

# Triad

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



4284374773



4290989568



4278226801

# Complementary

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



4284374773



4294309214

# 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.



4278225949



4284374773



4287393792

# Square

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



4284374773



4293328942



4282286848



4278227132

# Rectangle

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



4284374773



4293197966



4282286848



4278226519



# Sweetspot

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



4284374773



4291940863



4284413429



4284703616



4278190080



4286611584



# Same Dimension

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



4284374773



4282532607



4289355509



4285427322



4278190266



4278190139



# Inverse Universe

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



4294270709



4294918911



4289394014



4286213754



4290379962

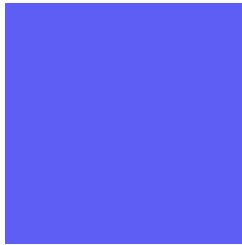


4282056763



# Previews

## White Background



This preview shows how the Android color 4284374773 looks on a white background.

## Color Contrast Check

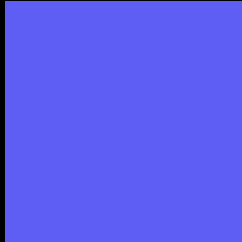
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284374773 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 4284374773 Background



This preview shows how black text looks on a background with the Android color 4284374773.

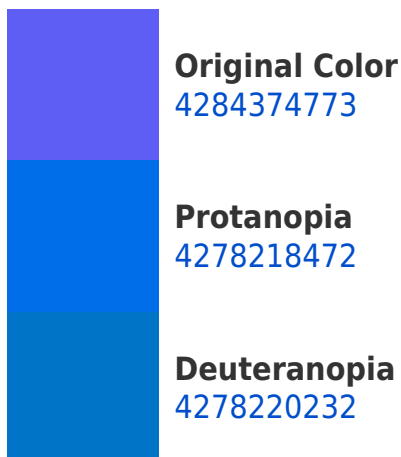


This preview shows how white text looks on a background with the Android color 4284374773.

# 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**

4284374773



**Protanomaly**

4280445165



**Deuteranomaly**

4280446424



**Tritanomaly**

4281954991

# Monochromacy



**Original Color**

4284374773



**Achromatopsia**

4285493103



**Achromatomaly**

4285098400

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284374773 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(94, 94, 245)` looks like.

```
.text, #text, p{  
    color:rgb(94, 94, 245)  
}
```

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(94, 94, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 94, 245) }
```

## Border

The CSS property to change the border of an element to Android 4284374773 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(94, 94, 245) }
```

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

```
.border{ border-color:rgb(94, 94, 245) }
```

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

Here you see how a box with a 4 pixel rgb(94, 94, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 94, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 94, 245);  
box-shadow:4px 4px 4px 4px rgb(94, 94,  
245) }
```

# Background

The CSS property to change the background color of an element to Android 4284374773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 94, 245) }
```

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

```
.background{ background-color: rgb(94, 94,  
245) }
```

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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