

# Converting Colors

Android(4284184314)

Have a look what the booklet for  
Android(4284184314) contains.

<b>Android(4284184314)</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(4284184314)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B76FA
RGB	91, 118, 250
RGB Percent	36%, 46%, 98%
CMY	0.6431, 0.5373, 0.0196
CMYK	0.64, 0.53, 0.00, 0.02
HSL	230°, 94%, 67%
HSV	230°, 64%, 98%
XYZ	28.0481, 22.0831, 93.2267
YIQ	124.9750, -58.4640, 35.3280

# Conversions

## Conversions Part 2

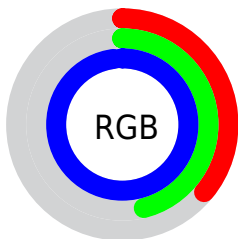
Format	Color
R <sub>Y</sub> B	91, 114, 250
Decimal	5994234
CIE Lab	54.12, 30.66, -69.03
CIE LCh	54, 75.530, 293.952
Yxy	22.0831, 0.1957, 0.1540
Android (android.graphics.Color)	4284184314 (0xFF5B76FA)
YUV	124.9750, 61.6373, -29.7961
Hunter-Lab	46.9927, 24.3026, -84.7278

# Details

The Android color `4284184314` is a light color, and the websafe version is hex `3366FF`. The color can be described as light muted azure. A complement of this color would be `4294631259`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4288391935`, and `4278208192` is the 20% darker color. If you saturate the color by 10%, you get `4282540538`, and if you desaturate by 10%, it is `4285828090`.

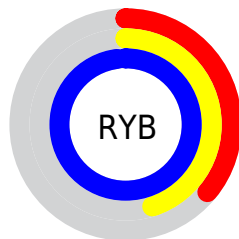
# Distribution



Red (36%)

Green (46%)

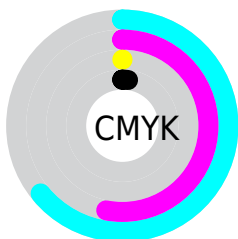
Blue (98%)



Red (36%)

Yellow (45%)

Blue (98%)

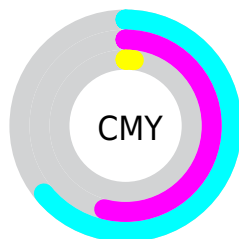


Cyan (64%)

Magenta (53%)

Yellow (0%)

Black (2%)



Cyan (64%)

Magenta (54%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284184314 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 4284184314 by changing the saturation by 10% instead.



 4284184314

 4284184314

4294967295

 4281753309

 4288391935

 4278208192

 4290364927

 4278202789

 4292403711

 4278197642

 4294442495

 4278192751

 4278192214

 4278191678

 4278190887

 4278190352

■ 4284184314

■ 4284184314

■ 4282540538

■ 4285828090

■ 4280896762

■ 4287471866

■ 4279253242

■ 4289115386

■ 4278201082

■ 4290759162

■ 4292402938

■ 4294046714

■ 4294967290

# Harmonies

## Analogous

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



4278226687



4284184314



4290859983

# Triad

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



4284184314



4292238603



4278230386

# Complementary

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



4284184314



4294631259

# 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.



4278229036



4284184314



4289231360

# Square

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



4284184314



4293933393



4285172992



4278230709

# Rectangle

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



4284184314



4293081767



4285172992



4278230107



# Sweetspot

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



4284184314



4291811327



4284218077



4284639104



4278190080



4286611584



# Same Dimension

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



4284184314



4282212095



4287454202



4285559677



4278198461



4278192701



# Inverse Universe

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



4294597494



4294917470



4291361371



4286410867



4290576416

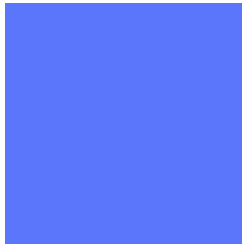


4282187786



# Previews

## White Background



This preview shows how the Android color 4284184314 looks on a white background.

## Color Contrast Check

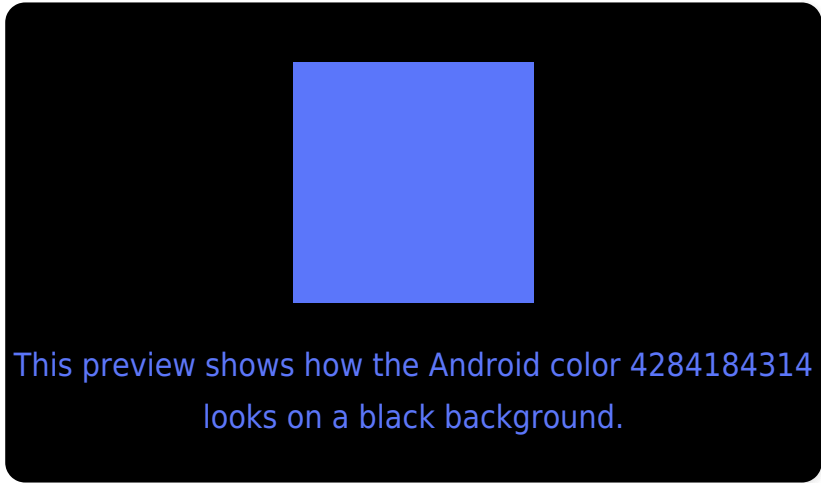
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## 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 4284184314 Background



This preview shows how black text looks on a background with the Android color 4284184314.



This preview shows how white text looks on a background with the Android color 4284184314.

# 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**  
4284184314

**Protanopia**  
4281105663

**Deuteranopia**  
4278223846



# Trichromacy



**Original Color**  
4284184314

**Protanomaly**  
4282219261

**Deuteranomaly**  
4280385261

**Tritanomaly**  
4281828797

# Monochromacy



**Original Color**  
4284184314

**Achromatopsia**  
4286414205

**Achromatomaly**  
4285627050

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284184314 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(91, 118, 250)` looks like.

```
.text, #text, p{  
    color:rgb(91, 118, 250)  
}
```

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(91, 118, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 118, 250) }
```

## Border

The CSS property to change the border of an element to Android 4284184314 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(91, 118, 250) }
```

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

```
.border{ border-color:rgb(91, 118, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 118, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 118, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 118, 250);  
box-shadow:4px 4px 4px 4px rgb(91, 118,  
250) }
```

# Background

The CSS property to change the background color of an element to Android 4284184314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 118, 250) }
```

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

```
.background{ background-color: rgb(91, 118,  
250) }
```

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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