

# Converting Colors

Android(4284452334)

Have a look what the booklet for  
Android(4284452334) contains.

<b>Android(4284452334)</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(4284452334)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F8DEE
RGB	95, 141, 238
RGB Percent	37%, 55%, 93%
CMY	0.6275, 0.4471, 0.0667
CMYK	0.60, 0.41, 0.00, 0.07
HSL	221°, 81%, 65%
HSV	221°, 60%, 93%
XYZ	29.6768, 27.6557, 84.6629
YIQ	138.3040, -58.5530, 20.4150

# Conversions

## Conversions Part 2

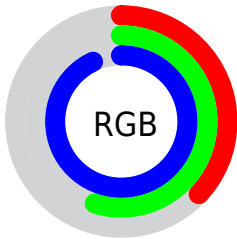
Format	Color
R <sub>Y</sub> B	95, 130, 238
Decimal	6262254
CIE Lab	59.58, 13.45, -53.61
CIE LCh	60, 55.267, 284.080
Yxy	27.6557, 0.2090, 0.1948
Android (android.graphics.Color)	4284452334 (0xFF5F8DEE)
YUV	138.3040, 49.1501, -37.9776
Hunter-Lab	52.5887, 8.7008, -58.6393

# Details

The Android color `4284452334` is a light color, and the websafe version is hex `6699FF`. The color can be described as light muted azure. A complement of this color would be `4293836895`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4288463615`, and `4279000245` is the 20% darker color. If you saturate the color by 10%, you get `4282875374`, and if you desaturate by 10%, it is `4286029294`.

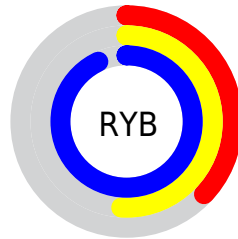
# Distribution



Red (37%)

Green (55%)

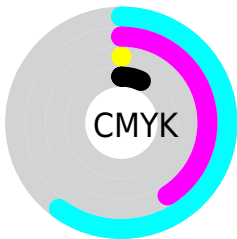
Blue (93%)



Red (37%)

Yellow (51%)

Blue (93%)

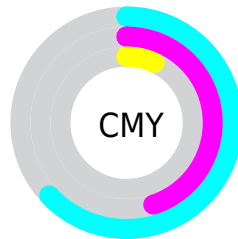


Cyan (60%)

Magenta (41%)

Yellow (0%)

Black (7%)



Cyan (63%)

Magenta (45%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284452334 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 4284452334 by changing the saturation by 10% instead.



 4284452334

 4284452334

4294967295

 4282283217

 4288463615

 4279000245

 4290371327

 4278207898

 4292344575

 4278202240

 4294377471

 4278197350

 4278190413

 4278191414

 4278190623

 4278190083

■ 4284452334

■ 4284452334

■ 4282875374

■ 4286029294

■ 4281298414

■ 4287606254

■ 4279786990

■ 4289117678

■ 4278210030

■ 4290694894

■ 4292271854

■ 4293848814

■ 4294967022

■ 4294967278

# Harmonies

## Analogous

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



4278230253



4284452334



4289755606

# Triad

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



4284452334



4292702286



4278232435

# Complementary

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



4284452334



4293836895

# 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.



4284325702



4284452334



4290741293

# Square

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



4284452334



4293485434



4287927336



4278232998

# Rectangle

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



4284452334



4291849403



4287927336



4280132707



# Sweetspot

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



4284452334



4291944703



4284477118



4284705920



4278190080



4286611584



# Same Dimension

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



4284452334



4282876671



4286013422



4285296760



4278205368



4278194744



# Inverse Universe

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



4293812109



4294920066



4292275807



4286082160



4290248763

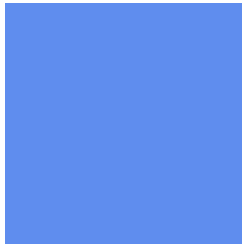


4281860114



# Previews

## White Background



This preview shows how the Android color 4284452334 looks on a white background.

## Color Contrast Check

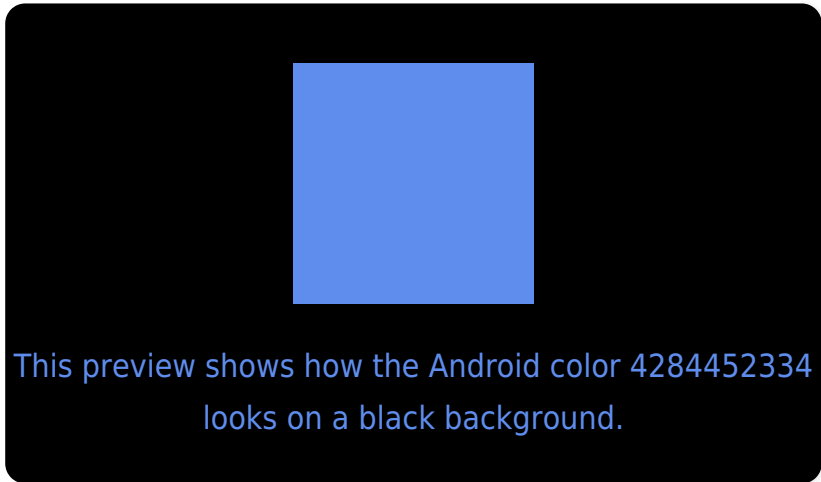
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284452334 Background



This preview shows how black text looks on a background with the Android color 4284452334.



This preview shows how white text looks on a background with the Android color 4284452334.

# 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**  
4284452334

**Protanopia**  
4284976365

**Deuteranopia**  
4283470061



# Trichromacy



**Original Color**

4284452334

**Protanomaly**

4284779757

**Deuteranomaly**

4283797485

**Tritanomaly**

4283144130

# Monochromacy



**Original Color**

4284452334

**Achromatopsia**

4287269514

**Achromatomaly**

4286221230

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284452334 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(95, 141, 238)` looks like.

```
.text, #text, p{  
    color:rgb(95, 141, 238)  
}
```

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(95, 141, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 141, 238) }
```

## Border

The CSS property to change the border of an element to Android 4284452334 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(95, 141, 238) }
```

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

```
.border{ border-color:rgb(95, 141, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 141, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 141, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 141, 238);  
box-shadow:4px 4px 4px 4px rgb(95, 141,  
238) }
```

# Background

The CSS property to change the background color of an element to Android 4284452334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 141, 238) }
```

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

```
.background{ background-color: rgb(95, 141,  
238) }
```

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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