

# Converting Colors

Android(4284383487)

Have a look what the booklet for  
Android(4284383487) contains.

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# **Color**

**Android(4284383487)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E80FF
RGB	94, 128, 255
RGB Percent	37%, 50%, 100%
CMY	0.6314, 0.4980, 0.0000
CMYK	0.63, 0.50, 0.00, 0.00
HSL	227°, 100%, 68%
HSV	227°, 63%, 100%
XYZ	30.3853, 25.0380, 97.8391
YIQ	132.3120, -61.0310, 32.2890

# Conversions

## Conversions Part 2

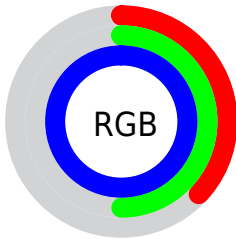
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	94, 122, 255
Decimal	6193407
CIE Lab	57.11, 26.74, -66.94
CIE LCh	57, 72.084, 291.778
Yxy	25.0380, 0.1983, 0.1634
Android (android.graphics.Color)	4284383487 (0xFF5E80FF)
YUV	132.3120, 60.4852, -33.5996
Hunter-Lab	50.0380, 20.8265, -80.9028

# Details

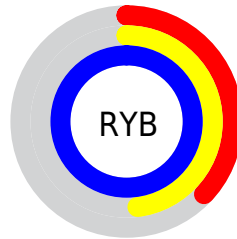
The Android color `4284383487` is a light color, and the websafe version is hex `6666CC`. The color can be described as light muted azure. A complement of this color would be `4294958430`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4288525567`, and `4278210757` is the 20% darker color. If you saturate the color by 10%, you get `4282739967`, and if you desaturate by 10%, it is `4286092543`.

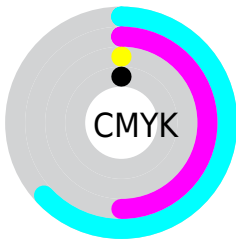
# Distribution



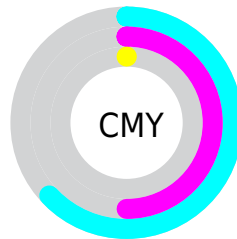
- Red (37%)
- Green (50%)
- Blue (100%)



- Red (37%)
- Yellow (48%)
- Blue (100%)



- Cyan (63%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (50%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284383487 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 4284383487 by changing the saturation by 10% instead.



 4284383487

 4284383487

4294967295

 4281952226

 4288525567

 4278210757

 4290564351

 4278204841

 4292603135

 4278199694

 4294639615

 4278195316

 4278190683

 4278191938

 4278190891

 4278190357

■ 4284383487

■ 4284383487

■ 4282739967

■ 4286092543

■ 4281030911

■ 4287736063

■ 4279387391

■ 4289445119

■ 4278204159

■ 4291088639

■ 4292797951

■ 4294441471

4294967295

# Harmonies

## Analogous

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



4278228735



4284383487



4290994648

# Triad

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



4284383487



4292830243



4278232181

# Complementary

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



4284383487



4294958430

# 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.



4279082804



4284383487



4289953792

# Square

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



4284383487



4294330463



4286157824



4278232502

# Rectangle

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



4284383487



4293217458



4286157824



4278231903



# Sweetspot

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



4284383487



4291811839



4284415964



4284639360



4278190080



4286611584



# Same Dimension

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



4284383487



4282214143



4287389439



4285756800



4278200511



4278193472



# Inverse Universe

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



4294925952



4294917478



4291952478



4286608245



4290707496

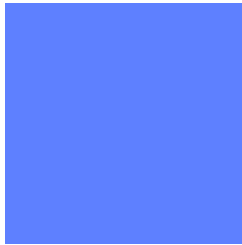


4282384397



# Previews

## White Background



This preview shows how the Android color 4284383487 looks on a white background.

## Color Contrast Check

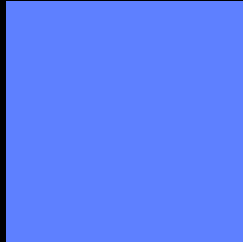
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284383487 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 4284383487 Background



This preview shows how black text looks on a background with the Android color 4284383487.



This preview shows how white text looks on a background with the Android color 4284383487.

# 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**  
4284383487

**Protanomaly**  
4283401215

**Deuteranomaly**  
4280453113

**Tritanomaly**  
4282224324

# Monochromacy



**Original Color**  
4284383487

**Achromatopsia**  
4286874756

**Achromatomaly**  
4285957041

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284383487 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, 128, 255)` looks like.

```
.text, #text, p{  
    color:rgb(94, 128, 255)  
}
```

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, 128, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 128, 255) }
```

## Border

The CSS property to change the border of an element to Android 4284383487 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, 128, 255) }
```

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

```
.border{ border-color:rgb(94, 128, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 128, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 128, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 128, 255);  
box-shadow:4px 4px 4px 4px rgb(94, 128,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4284383487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 128, 255) }
```

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

```
.background{ background-color: rgb(94, 128,  
255) }
```

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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