

# Converting Colors

Android(4284381894)

Have a look what the booklet for  
Android(4284381894) contains.

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# Color

**Android(4284381894)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E7AC6
RGB	94, 122, 198
RGB Percent	37%, 48%, 78%
CMY	0.6314, 0.5216, 0.2235
CMYK	0.53, 0.38, 0.00, 0.22
HSL	224°, 48%, 57%
HSV	224°, 53%, 78%
XYZ	21.7687, 20.3760, 56.2117
YIQ	122.2920, -41.0840, 17.7000

# Conversions

## Conversions Part 2

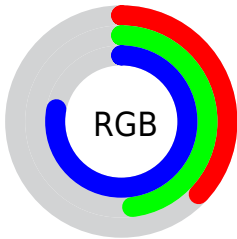
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 116, 198
Decimal	6191814
CIE <sub>Lab</sub>	52.26, 11.69, -42.75
CIE <sub>LCh</sub>	52, 44.323, 285.296
Yxy	20.3760, 0.2213, 0.2072
Android (android.graphics.Color)	4284381894 (0xFF5E7AC6)
YUV	122.2920, 37.3240, -24.8121
Hunter-Lab	45.1397, 7.0872, -42.2349

# Details

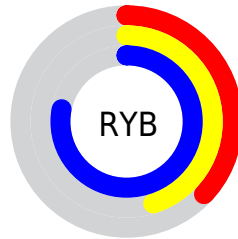
The Android color `4284381894` is a dark color, and the websafe version is hex `666699`. The color can be described as middle muted azure. A complement of this color would be `4291209822`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4288065279`, and `4280371856` is the 20% darker color. If you saturate the color by 10%, you get `4283067590`, and if you desaturate by 10%, it is `4285696198`.

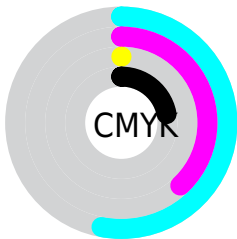
# Distribution



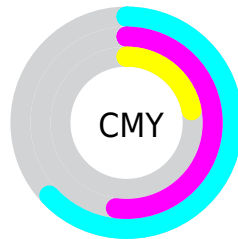
- Red (37%)
- Green (48%)
- Blue (78%)



- Red (37%)
- Yellow (45%)
- Blue (78%)



- Cyan (53%)
- Magenta (38%)
- Yellow (0%)
- Black (22%)



- Cyan (63%)
- Magenta (52%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284381894 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 4284381894 by changing the saturation by 10% instead.



 4284381894

 4284381894

4294967295

 4282474922

 4288065279

 4280371856

 4289972735

 4278203510

 4291880447

 4278198108

 4293787647

 4278191684

 4278190893

 4278190360

 4278190080

 4284381894

 4284381894

■ 4283067590

■ 4285696198

■ 4281753030

■ 4287010758

■ 4280504262

■ 4288259526

■ 4279189702

■ 4289574086

■ 4278203846

■ 4290888390

■ 4292202950

■ 4293517254

■ 4294766278

■ 4294966470

# Harmonies

## Analogous

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



4278224582



4284381894



4288179122

# Triad

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



4284381894



4290405960



4278226536

# Complementary

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



4284381894



4291209822

# 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.



4283730501



4284381894



4288836657

# Square

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



4284381894



4290993259



4286546223



4278227087

# Rectangle

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



4284381894



4289814941



4286546223



4281044315



# Sweetspot

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



4284381894



4292272639



4284401321



4284968576



4278190080



4286611584



# Same Dimension

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



4284381894



4284386047



4285882054



4284111971



4278201507



4278192676



# Inverse Universe

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



4291190394



4294925962



4289709662



4284701276



4288872492

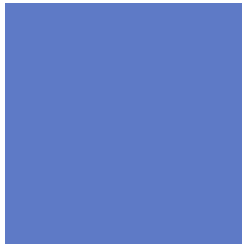


4280549386



# Previews

## White Background



This preview shows how the Android color 4284381894 looks on a white background.

## Color Contrast Check

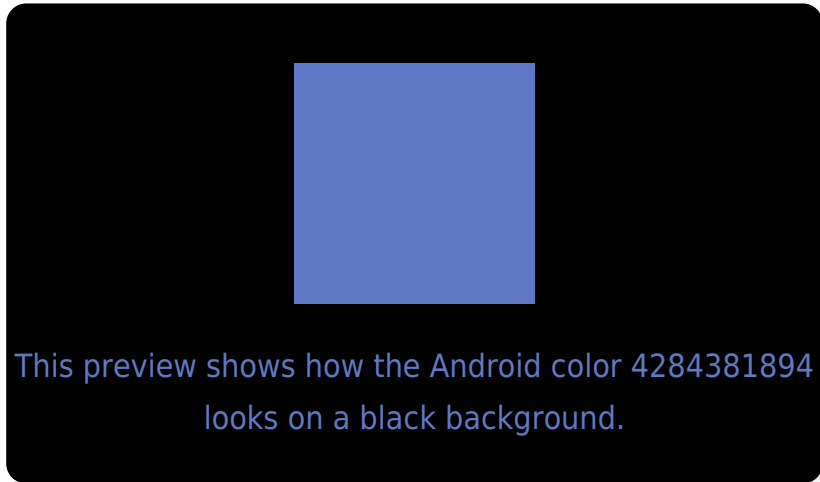
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284381894 Background



This preview shows how black text looks on a background with the Android color 4284381894.

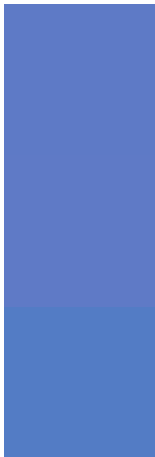


This preview shows how white text looks on a background with the Android color 4284381894.

# 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**  
4284381894

**Protanopia**  
4284447430

**Deuteranopia**  
4283661509



# Trichromacy



**Original Color**

4284381894

**Protanomaly**

4284447430

**Deuteranomaly**

4283923397

**Tritanomaly**

4283662756

# Monochromacy



**Original Color**

4284381894

**Achromatopsia**

4286216826

**Achromatomaly**

4285561494

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284381894 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, 122, 198)` looks like.

```
.text, #text, p{  
    color:rgb(94, 122, 198)  
}
```

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, 122, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 122, 198) }
```

## Border

The CSS property to change the border of an element to Android 4284381894 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, 122, 198) }
```

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

```
.border{ border-color:rgb(94, 122, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 122, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 122, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 122, 198);  
box-shadow:4px 4px 4px 4px rgb(94, 122,  
198) }
```

# Background

The CSS property to change the background color of an element to Android 4284381894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 122, 198) }
```

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

```
.background{ background-color: rgb(94, 122,  
198) }
```

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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