

# Converting Colors

Android(4284190167)

Have a look what the booklet for  
Android(4284190167) contains.

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# Color

**Android(4284190167)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B8DD7
RGB	91, 141, 215
RGB Percent	36%, 55%, 84%
CMY	0.6431, 0.4471, 0.1569
CMYK	0.58, 0.34, 0.00, 0.16
HSL	216°, 61%, 60%
HSV	216°, 58%, 84%
XYZ	26.1050, 26.1802, 67.9674
YIQ	134.4860, -53.5540, 12.4140

# Conversions

## Conversions Part 2

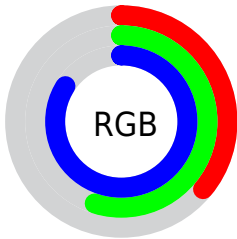
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 127, 215
Decimal	6000087
CIE Lab	58.21, 5.15, -42.98
CIE LCh	58, 43.290, 276.833
Yxy	26.1802, 0.2171, 0.2177
Android (android.graphics.Color)	4284190167 (0xFF5B8DD7)
YUV	134.4860, 39.6934, -38.1372
Hunter-Lab	51.1666, 1.5285, -42.9415

# Details

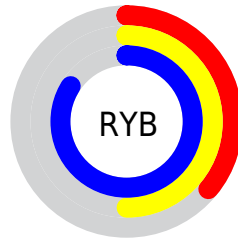
The Android color `4284190167` is a dark color, and the websafe version is hex `6699CC`. The color can be described as middle muted azure. A complement of this color would be `4292322651`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4288004863`, and `4279458720` is the 20% darker color. If you saturate the color by 10%, you get `4282810583`, and if you desaturate by 10%, it is `4285635287`.

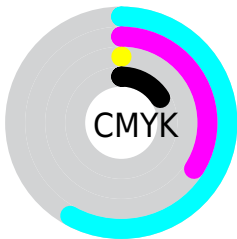
# Distribution



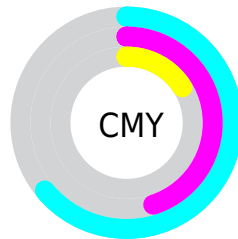
- Red (36%)
- Green (55%)
- Blue (84%)



- Red (36%)
- Yellow (50%)
- Blue (84%)



- Cyan (58%)
- Magenta (34%)
- Yellow (0%)
- Black (16%)



- Cyan (64%)
- Magenta (45%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284190167 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 4284190167 by changing the saturation by 10% instead.





4284190167



4284190167

4294967295



4282152123



4288004863



4279458720



4289912575



4278207621



4291886079



4278202220



4293787647



4278197075



4278191675



4278190629



4278190349



4278190080

■ 4284190167

■ 4284190167

■ 4282810583

■ 4285635287

■ 4281365463

■ 4287014871

■ 4279986135

■ 4288459735

■ 4278541015

■ 4289839319

■ 4278212567

■ 4291284439

■ 4292664023

■ 4294109143

■ 4294964439

■ 4294967255

# Harmonies

## Analogous

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



4278229201



4284190167



4288315337

# Triad

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



4284190167



4291785312



4282228077

# Complementary

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



4284190167



4292322651

# 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.



4285699917



4284190167



4290412358

# Square

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



4284190167



4292045957



4288318782



4278230932

# Rectangle

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



4284190167



4290213302



4288318782



4283538273

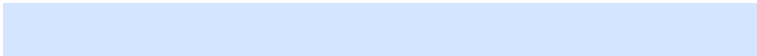


# Sweetspot

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



4284190167



4292142591



4284209059



4284903552



4278190080



4286611584



# Same Dimension

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



4284190167



4283406079



4284832727



4284507499



4278207915



4278194475



# Inverse Universe

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



4292303757



4294922134



4291680091



4285227109



4289396805

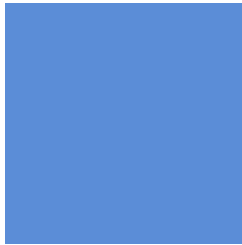


4281008145



# Previews

## White Background



This preview shows how the Android color 4284190167 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 4284190167 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 4284190167 Background



This preview shows how black text looks on a background with the Android color 4284190167.



This preview shows how white text looks on a background with the Android color 4284190167.

# 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**  
4284190167

**Protanomaly**  
4285106900

**Deuteranomaly**  
4284583127

**Tritanomaly**  
4283339703

# Monochromacy



**Original Color**  
4284190167

**Achromatopsia**  
4287006342

**Achromatomaly**  
4285958563

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284190167 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, 141, 215)` looks like.

```
.text, #text, p{  
    color:rgb(91, 141, 215)  
}
```

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, 141, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 141, 215) }
```

## Border

The CSS property to change the border of an element to Android 4284190167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

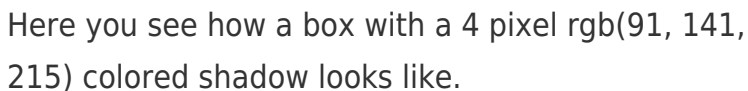
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 141, 215) }
```

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

```
.border{ border-color:rgb(91, 141, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 141, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 141, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 141, 215); box-shadow:4px 4px 4px 4px rgb(91, 141, 215) }
```

# Background

The CSS property to change the background color of an element to Android 4284190167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 141, 215) }
```

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

```
.background{ background-color: rgb(91, 141,  
215) }
```

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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