

# Converting Colors

Android(4283924179)

Have a look what the booklet for  
Android(4283924179) contains.

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# Color

**Android(4283924179)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	577ED3
RGB	87, 126, 211
RGB Percent	34%, 49%, 83%
CMY	0.6588, 0.5059, 0.1725
CMYK	0.59, 0.40, 0.00, 0.17
HSL	221°, 58%, 58%
HSV	221°, 59%, 83%
XYZ	23.1492, 21.6511, 64.5870
YIQ	124.0290, -50.5290, 18.1670

# Conversions

## Conversions Part 2

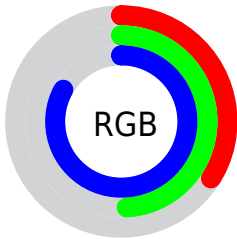
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	87, 117, 211
Decimal	5734099
CIE Lab	53.65, 12.01, -47.95
CIE LCh	54, 49.432, 284.066
Yxy	21.6511, 0.2116, 0.1979
Android (android.graphics.Color)	4283924179 (0xFF577ED3)
YUV	124.0290, 42.8767, -32.4744
Hunter-Lab	46.5307, 7.3756, -49.7260

# Details

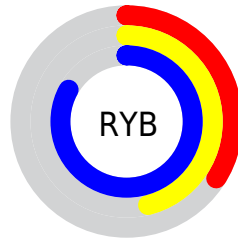
The Android color `4283924179` is a dark color, and the websafe version is hex `6699FF`. The color can be described as middle muted azure. A complement of this color would be `4292062295`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4287804159`, and `4278734492` is the 20% darker color. If you saturate the color by 10%, you get `4282544339`, and if you desaturate by 10%, it is `4285304019`.

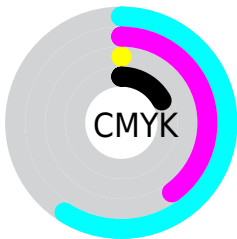
# Distribution



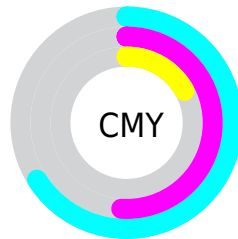
- Red (34%)
- Green (49%)
- Blue (83%)



- Red (34%)
- Yellow (46%)
- Blue (83%)



- Cyan (59%)
- Magenta (40%)
- Yellow (0%)
- Black (17%)



- Cyan (66%)
- Magenta (51%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283924179 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 4283924179 by changing the saturation by 10% instead.



 4283924179

 4283924179

4294967295


 4281820599

 4287804159

 4278734492

 4289711871

 4278204289

 4291619583

 4278199144

 4293591039

 4278193487

 4278191415

 4278190625

 4278190086

 4278190080

■ 4283924179

■ 4283924179

■ 4282544339

■ 4285304019

■ 4281164243

■ 4286684115

■ 4279784403

■ 4288063955

■ 4278404307

■ 4289444051

■ 4278207187

■ 4290889427

■ 4292269523

■ 4293649363

■ 4294963923

■ 4294967251

# Harmonies

## Analogous

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



4278225874



4283924179



4288441534

# Triad

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



4283924179



4291126599



4278228071

# Complementary

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



4283924179



4292062295

# 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.



4283731520



4283924179



4289361451

# Square

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



4283924179



4291779182



4286874663



4278228372

# Rectangle

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



4283924179



4290339238



4286874663



4280324697



# Sweetspot

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



4283924179



4291944703



4283945900



4284705920



4278190080



4286611584



# Same Dimension

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



4283924179



4283073535



4285421523



4284375401



4278203816



4278193449



# Inverse Universe

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



4292040574



4294920835



4290564951



4285095521



4289200181

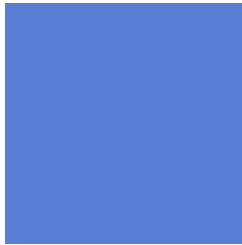


4280877069



# Previews

## White Background



This preview shows how the Android color 4283924179 looks on a white background.

## Color Contrast Check

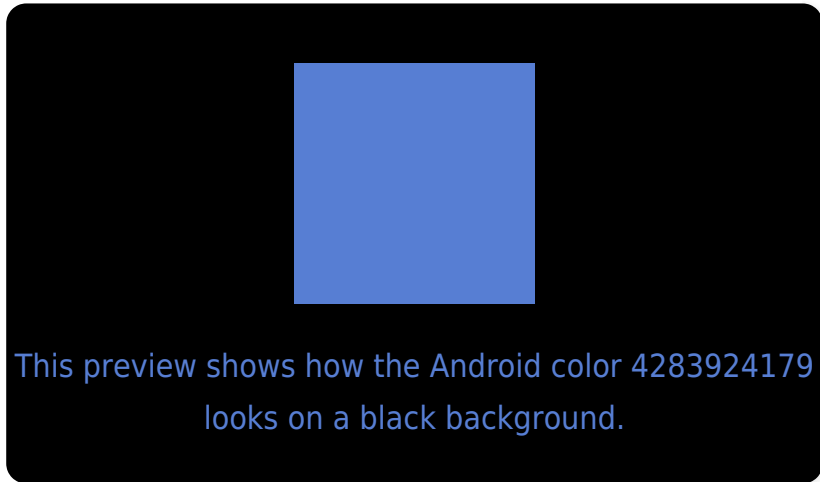
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283924179 Background



This preview shows how black text looks on a background with the Android color 4283924179.

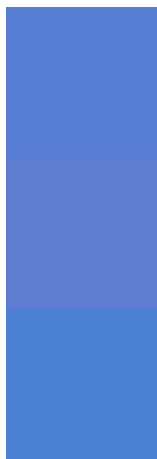


This preview shows how white text looks on a background with the Android color 4283924179.

# 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**

4283924179

**Protanopia**

4284317138

**Deuteranopia**

4283138258



# Trichromacy



**Original Color**  
4283924179

**Protanomaly**  
4284186066

**Deuteranomaly**  
4283400146

**Tritanomaly**  
4282812076

# Monochromacy



**Original Color**  
4283924179

**Achromatopsia**  
4286348412

**Achromatomaly**  
4285496732

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283924179 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(87, 126, 211)` looks like.

```
.text, #text, p{  
    color:rgb(87, 126, 211)  
}
```

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(87, 126, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 126, 211) }
```

## Border

The CSS property to change the border of an element to Android 4283924179 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(87, 126, 211) }
```

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

```
.border{ border-color:rgb(87, 126, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 126, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 126, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 126, 211);  
box-shadow:4px 4px 4px 4px rgb(87, 126,  
211) }
```

# Background

The CSS property to change the background color of an element to Android 4283924179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 126, 211) }
```

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

```
.background{ background-color: rgb(87, 126,  
211) }
```

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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