

# Converting Colors

Android(4278539185)

Have a look what the booklet for  
Android(4278539185) contains.

<b>Android(4278539185)</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(4278539185)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0553B1
RGB	5, 83, 177
RGB Percent	2%, 33%, 69%
CMY	0.9804, 0.6745, 0.3059
CMYK	0.97, 0.53, 0.00, 0.31
HSL	213°, 95%, 36%
HSV	213°, 97%, 69%
XYZ	11.0917, 9.3931, 42.8234
YIQ	70.3940, -76.6620, 12.6980

# Conversions

## Conversions Part 2

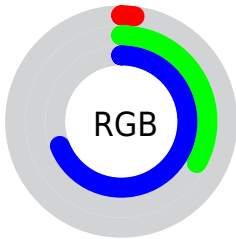
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 59, 177
Decimal	349105
CIELab	36.73, 17.05, -55.62
CIELCh	37, 58.174, 287.044
Yxy	9.3931, 0.1752, 0.1484
Android (android.graphics.Color)	4278539185 (0xFF0553B1)
YUV	70.3940, 52.5568, -57.3505
Hunter-Lab	30.6482, 10.9653, -61.3898

# Details

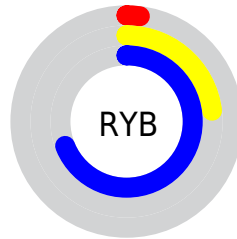
The Android color `4278539185` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4289815301`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4284318953`, and `4278200443` is the 20% darker color. If you saturate the color by 10%, you get `4278210737`, and if you desaturate by 10%, it is `4279721393`.

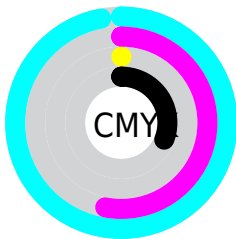
# Distribution



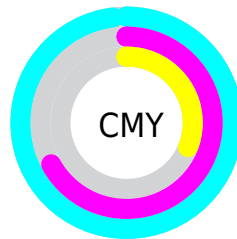
- Red (2%)
- Green (33%)
- Blue (69%)



- Red (2%)
- Yellow (23%)
- Blue (69%)



- Cyan (97%)
- Magenta (53%)
- Yellow (0%)
- Black (31%)



- Cyan (98%)
- Magenta (67%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278539185 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 4278539185 by changing the saturation by 10% instead.



■ 4278539185

■ 4278539185

4294967295

■ 4278205846

■ 4284318953

■ 4278200443

■ 4286291711

■ 4278195554

■ 4288264447

■ 4278191689

■ 4290237695

■ 4278191154

■ 4292210943

■ 4278190364

■ 4294180863

■ 4278190080

■ 4278539185

■ 4278539185

■ 4278210737

■ 4279721393

 4280837809

 4282020017

 4283202225

 4284384177

 4285500849

 4286683057

 4287865009

 4288981681

# Harmonies

## Analogous

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



4278215346



4278539185



4286069655

# Triad

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



4278539185



4288230928



4278217024

# Complementary

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



4278539185



4289815301

# 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.



4278609162



4278539185



4286205184

# Square

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



4278539185



4289141822



4283522048



4278217585

# Rectangle

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



4278539185



4287965308



4283522048



4278216751



# Sweetspot

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



4278539185



4288922086



4278563169



4283129203



4294111986



4285756275



# Same Dimension

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



4278539185



4278216934



4278912433



4283454553



4278207897



4278193178



# Inverse Universe

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



4289791315



4293263464



4289442053



4284043348



4288217157



4279894028



# Previews

## White Background



This preview shows how the Android color 4278539185 looks on a white background.

## Color Contrast Check

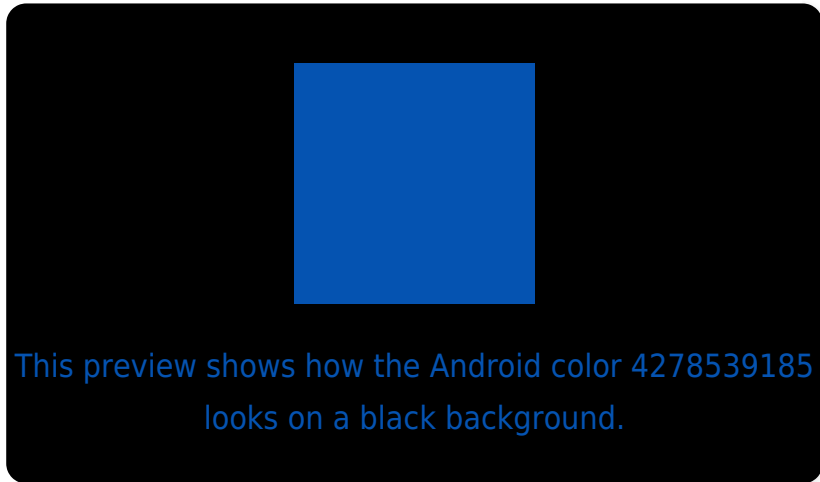
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278539185 Background



This preview shows how black text looks on a background with the Android color 4278539185.



This preview shows how white text looks on a background with the Android color 4278539185.

# 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**

4278539185

**Protanopia**

4278211505

**Deuteranopia**

4278212761



# Trichromacy



**Original Color**  
4278539185

**Protanomaly**  
4278342577

**Deuteranomaly**  
4278343330

**Tritanomaly**  
4278344577

# Monochromacy



**Original Color**  
4278539185

**Achromatopsia**  
4282795590

**Achromatomaly**  
4281224045

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278539185 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(5, 83, 177)` looks like.

```
.text, #text, p{  
    color:rgb(5, 83, 177)  
}
```

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(5, 83, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 83, 177) }
```

## Border

The CSS property to change the border of an element to Android 4278539185 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(5, 83, 177) }
```

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

```
.border{ border-color:rgb(5, 83, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 83, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 83, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 83, 177);  
box-shadow:4px 4px 4px 4px rgb(5, 83, 177)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278539185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 83, 177) }
```

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

```
.background{ background-color: rgb(5, 83,  
177) }
```

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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