

# Converting Colors

Android(4278605510)

Have a look what the booklet for  
Android(4278605510) contains.

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# Color

**Android(4278605510)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 0656C6                     |
| RGB           | 6, 86, 198                 |
| RGB Percent   | 2%, 34%, 78%               |
| CMY           | 0.9765, 0.6627, 0.2235     |
| CMYK          | 0.97, 0.57, 0.00, 0.22     |
| HSL           | 215°, 94%, 40%             |
| HSV           | 215°, 97%, 78%             |
| XYZ           | 13.5959, 10.7715, 54.7886  |
| YIQ           | 74.8480, -83.6320, 17.8720 |

# Conversions

## Conversions Part 2

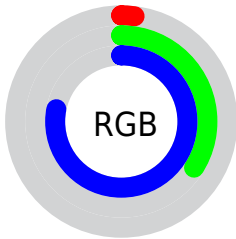
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 6, 62, 198                    |
| Decimal                             | 415430                        |
| CIE Lab                             | 39.19, 23.59, -63.92          |
| CIE LCh                             | 39, 68.132, 290.260           |
| Yxy                                 | 10.7715, 0.1718,<br>0.1361    |
| Android<br>(android.graphics.Color) | 4278605510<br>(0xFF0656C6)    |
| YUV                                 | 74.8480, 60.7139,<br>-60.3797 |
| Hunter-Lab                          | 32.8200, 16.5101,<br>-76.0028 |

# Details

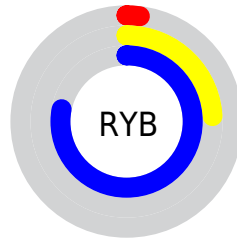
The Android color `4278605510` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed blue. A complement of this color would be `4291196422`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4284712959`, and `4278200975` is the 20% darker color. If you saturate the color by 10%, you get `4278211526`, and if you desaturate by 10%, it is `4279919302`.

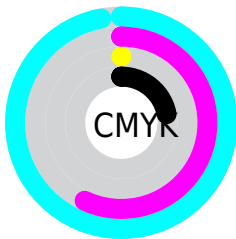
# Distribution



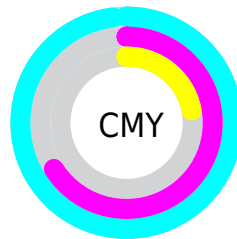
- Red (2%)
- Green (34%)
- Blue (78%)



- Red (2%)
- Yellow (24%)
- Blue (78%)



- Cyan (97%)
- Magenta (57%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (66%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278605510 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 4278605510 by changing the saturation by 10% instead.



 4278605510

 4278605510

4294967295

 4278206378

 4284712959

 4278200975

 4286816767

 4278196341

 4288789759

 4278190171

 4290828287

 4278191939

 4292801791

 4278190892

4294836223

 4278190358

 4278190080

 4278605510

 4278605510

■ 4278211526

■ 4279919302

■ 4281232838

■ 4282481094

■ 4283794630

■ 4285108422

■ 4286421958

■ 4287735750

■ 4288983750

■ 4290297542

# Harmonies

## Analogous

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



4278217163



4278605510



4287248036

# Triad

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



4278605510



4289017600



4278219336

# Complementary

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



4278605510



4291196422

# 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.



4278218242



4278605510



4286600192

# Square

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



4278605510



4290315578



4283327744



4278219649

# Rectangle

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



4278605510



4289337219



4283327744



4278219060

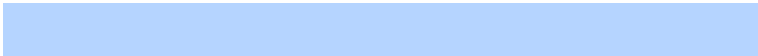


# Sweetspot

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



4278605510



4290106623



4278634102



4283655552



4278190080



4286611584



# Same Dimension

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



4278605510



4278217471



4279633606



4284112483



4278207651



4278193956



# Inverse Universe

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



4291167830



4294901866



4290168326



4284701278



4288872516



4280549391



# Previews

## White Background



This preview shows how the Android color 4278605510 looks on a white background.

## Color Contrast Check

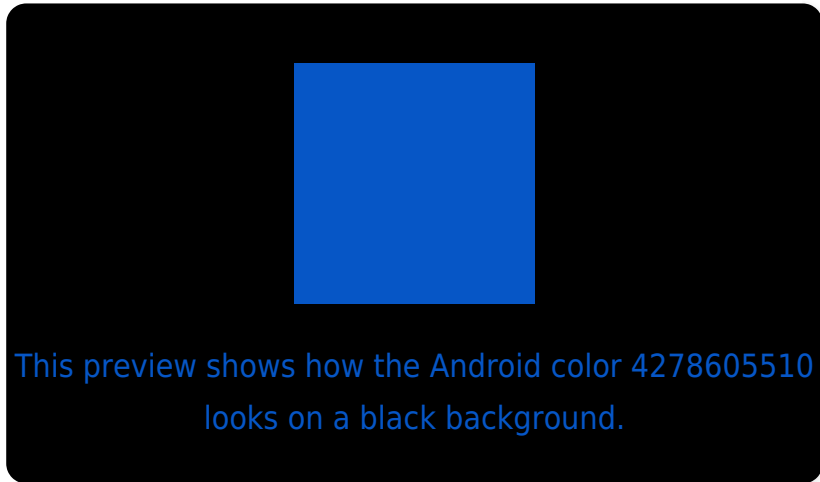
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

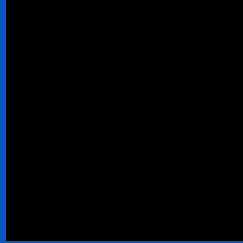
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278605510 Background



This preview shows how black text looks on a background with the Android color 4278605510.



This preview shows how white text looks on a background with the Android color 4278605510.

# 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**

4278605510

**Protanopia**

4278213052

**Deuteranopia**

4278214306



# Trichromacy



**Original Color**  
4278605510

**Protanomaly**  
4278343872

**Deuteranomaly**  
4278344623

**Tritanomaly**  
4278345869

# Monochromacy



**Original Color**  
4278605510

**Achromatopsia**  
4283124555

**Achromatomaly**  
4281487224

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278605510 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(6, 86, 198)` looks like.

```
.text, #text, p{  
    color:rgb(6, 86, 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(6, 86, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 86, 198) }
```

## Border

The CSS property to change the border of an element to Android 4278605510 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(6, 86, 198) }
```

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

```
.border{ border-color:rgb(6, 86, 198) }
```

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

Here you see how a box with a 4 pixel rgb(6, 86, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 86, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 86, 198);  
box-shadow:4px 4px 4px 4px rgb(6, 86, 198)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278605510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 86, 198) }
```

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

```
.background{ background-color: rgb(6, 86,  
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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