

# Converting Colors

Android(4278220750)

Have a look what the booklet for  
Android(4278220750) contains.

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# Color

**Android(4278220750)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0077CE
RGB	0, 119, 206
RGB Percent	0%, 47%, 81%
CMY	1.0000, 0.5333, 0.1922
CMYK	1.00, 0.42, 0.00, 0.19
HSL	205°, 100%, 40%
HSV	205°, 100%, 81%
XYZ	17.7374, 17.6499, 60.8644
YIQ	93.3370, -98.8510, 1.8290

# Conversions

## Conversions Part 2

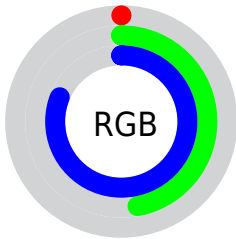
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 75, 206
Decimal	30670
CIELab	49.07, 5.26, -52.56
CIELCh	49, 52.827, 275.715
Yxy	17.6499, 0.1843, 0.1834
Android (android.graphics.Color)	4278220750 (0xFF0077CE)
YUV	93.3370, 55.5429, -81.8565
Hunter-Lab	42.0118, 1.8423, -56.4880

# Details

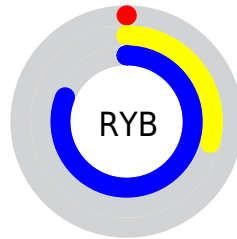
The Android color `4278220750` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4291712768`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4284722175`, and `4278208663` is the 20% darker color. If you saturate the color by 10%, you get `4278220750`, and if you desaturate by 10%, it is `4279599310`.

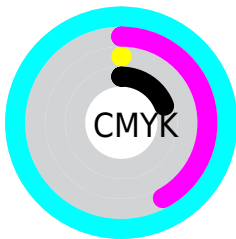
# Distribution



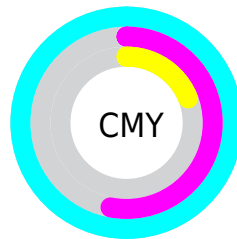
- Red (0%)
- Green (47%)
- Blue (81%)



- Red (0%)
- Yellow (29%)
- Blue (81%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (53%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278220750 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 4278220750 by changing the saturation by 10% instead.



 4278220750

 4278220750

4294967295

 4278214578

 4284722175

 4278208663

 4286826239

 4278203005

 4288865023

 4278197859

 4290838271

 4278192203

 4292870143

 4278191155

4294901759

 4278190621

 4278190080

 4278220750

■ 4279599310

■ 4280912078

■ 4282290638

■ 4283603662

■ 4284982222

■ 4286360526

■ 4287673550

■ 4289052110

■ 4290364878

# Harmonies

## Analogous

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



4278223814



4278220750



4286670270

# Triad

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



4278220750



4290794051



4278224718

# Complementary

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



4278220750



4291712768

# 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.



4283728165



4278220750



4289226015

# Square

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



4278220750



4291119470



4286805259



4278225532

# Rectangle

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



4278220750



4288960424



4286805259



4280583487

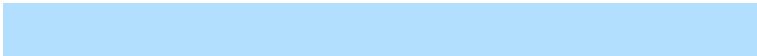


# Sweetspot

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



4278220750



4289978367



4278242902



4283591808



4278190080



4286611584

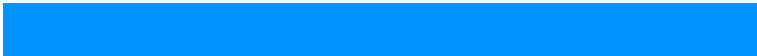


# Same Dimension

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



4278220750



4278227967



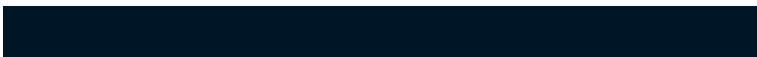
4278194638



4284244582



4278214822



4278195750



# Inverse Universe

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



4291690615



4294901907



4291738880



4284898402



4289069152



4280680470



# Previews

## White Background



This preview shows how the Android color 4278220750 looks on a white background.

## Color Contrast Check

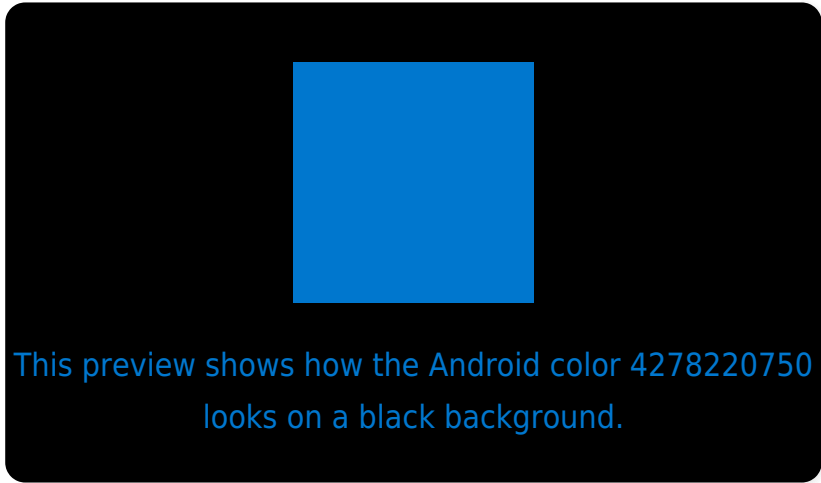
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

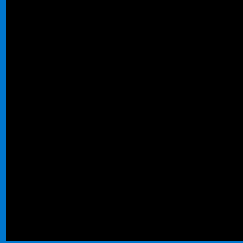
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4278220750 Background



This preview shows how black text looks on a background with the Android color 4278220750.



This preview shows how white text looks on a background with the Android color 4278220750.

# 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**  
4278220750

**Protanomaly**  
4281496522

**Deuteranomaly**  
4279596750

**Tritanomaly**  
4278222243

# Monochromacy



**Original Color**  
4278220750

**Achromatopsia**  
4284308829

**Achromatomaly**  
4282082950

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278220750 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(0, 119, 206)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 206)  
}
```

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(0, 119, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 206) }
```

## Border

The CSS property to change the border of an element to Android 4278220750 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(0, 119, 206) }
```

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

```
.border{ border-color:rgb(0, 119, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 119, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 206);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
206) }
```

# Background

The CSS property to change the background color of an element to Android 4278220750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 206) }
```

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

```
.background{ background-color: rgb(0, 119,  
206) }
```

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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