

# Converting Colors

Android(4278210755)

Have a look what the booklet for  
Android(4278210755) contains.

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# Color

**Android(4278210755)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0050C3
RGB	0, 80, 195
RGB Percent	0%, 31%, 76%
CMY	1.0000, 0.6863, 0.2353
CMYK	1.00, 0.59, 0.00, 0.24
HSL	215°, 100%, 38%
HSV	215°, 100%, 76%
XYZ	12.7190, 9.6775, 52.8273
YIQ	69.1900, -84.5950, 18.8050

# Conversions

## Conversions Part 2

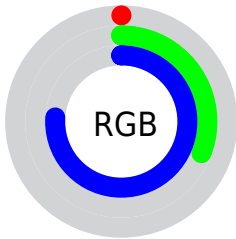
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 57, 195
Decimal	20675
CIELab	37.26, 26.19, -65.33
CIELCh	37, 70.386, 291.843
Yxy	9.6775, 0.1691, 0.1286
Android (android.graphics.Color)	4278210755 (0xFF0050C3)
YUV	69.1900, 62.0243, -60.6796
Hunter-Lab	31.1086, 18.5410, -78.9078

# Details

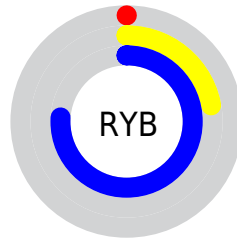
The Android color `4278210755` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed blue. A complement of this color would be `4290999040`, and the grayscale version is `4282729797`.

A 20% lighter version of the original color is `4284580093`, and `4278199692` is the 20% darker color. If you saturate the color by 10%, you get `4278210755`, and if you desaturate by 10%, it is `4279459011`.

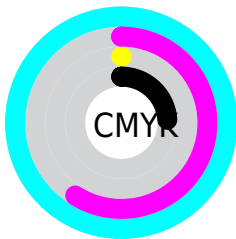
# Distribution



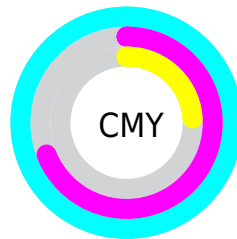
- Red (0%)
- Green (31%)
- Blue (76%)



- Red (0%)
- Yellow (22%)
- Blue (76%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (69%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278210755 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 4278210755 by changing the saturation by 10% instead.



 4278210755

 4278210755

4294967295

 4278205095

 4284580093

 4278199692

 4286683903

 4278195314

 4288722431

 4278190681

 4290695423

 4278191936

 4292734463

 4278190889

4294770687

 4278190355

 4278190080

 4278210755

■ 4279459011

■ 4280772547

■ 4282086339

■ 4283334339

■ 4284648131

■ 4285896131

■ 4287144387

■ 4288457923

■ 4289771459

# Harmonies

## Analogous

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



4278215882



4278210755



4287245471

# Triad

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



4278210755



4288688640



4278218310

# Complementary

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



4278210755



4290999040

# 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.



4278217216



4278210755



4286140416

# Square

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



4278210755



4290052146



4282671360



4278218625

# Rectangle

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



4278210755



4289200252



4282671360



4278218033



# Sweetspot

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



4278210755



4289843452



4278240114



4283589760



4278190080



4286611584



# Same Dimension

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



4278210755



4278216956



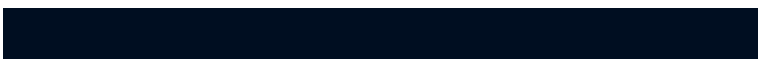
4279238851



4283915105



4278207137



4278193697



# Inverse Universe

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



4290969680



4294705256



4289970944



4284569435



4288741442



4280352782



# Previews

## White Background



This preview shows how the Android color 4278210755 looks on a white background.

## Color Contrast Check

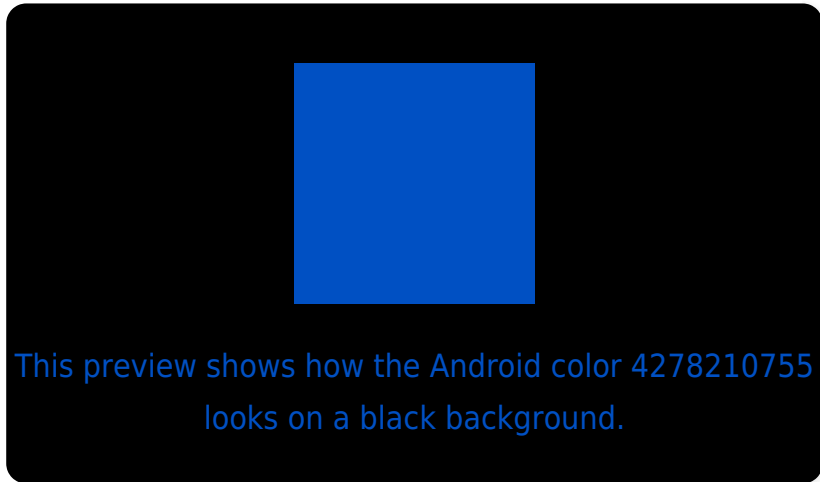
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278210755 Background



This preview shows how black text looks on a background with the Android color 4278210755.



This preview shows how white text looks on a background with the Android color 4278210755.

# 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**

4278210755

**Protanopia**

4278211763

**Deuteranopia**

4278213273



# Trichromacy



**Original Color**  
4278210755

**Protanomaly**  
4278211513

**Deuteranomaly**  
4278212264

**Tritanomaly**  
4278213512

# Monochromacy



**Original Color**  
4278210755

**Achromatopsia**  
4282729797

**Achromatomaly**  
4281092467

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278210755 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, 80, 195)` looks like.

```
.text, #text, p{  
    color:rgb(0, 80, 195)  
}
```

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, 80, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 80, 195) }
```

## Border

The CSS property to change the border of an element to Android 4278210755 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, 80, 195) }
```

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

```
.border{ border-color:rgb(0, 80, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 80, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 80, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 80, 195);  
box-shadow:4px 4px 4px 4px rgb(0, 80, 195)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278210755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 80, 195) }
```

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

```
.background{ background-color: rgb(0, 80,  
195) }
```

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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