

# Converting Colors

Android(4278212533)

Have a look what the booklet for  
Android(4278212533) contains.

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# Color

**Android(4278212533)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0057B5
RGB	0, 87, 181
RGB Percent	0%, 34%, 71%
CMY	1.0000, 0.6588, 0.2902
CMYK	1.00, 0.52, 0.00, 0.29
HSL	211°, 100%, 35%
HSV	211°, 100%, 71%
XYZ	11.7487, 10.1526, 45.0565
YIQ	71.7030, -82.0260, 10.7900

# Conversions

## Conversions Part 2

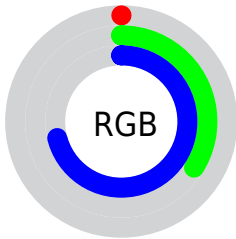
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 59, 181
Decimal	22453
CIELab	38.11, 15.82, -55.74
CIELCh	38, 57.936, 285.842
Yxy	10.1526, 0.1755, 0.1516
Android (android.graphics.Color)	4278212533 (0xFF0057B5)
YUV	71.7030, 53.8834, -62.8835
Hunter-Lab	31.8631, 10.0567, -61.5356

# Details

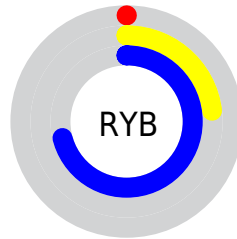
The Android color `4278212533` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4290076160`, and the grayscale version is `4282861383`.

A 20% lighter version of the original color is `4284319982`, and `4278201215` is the 20% darker color. If you saturate the color by 10%, you get `4278212533`, and if you desaturate by 10%, it is `4279394485`.

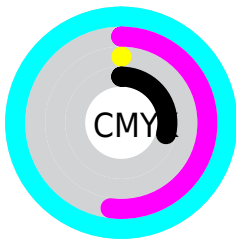
# Distribution



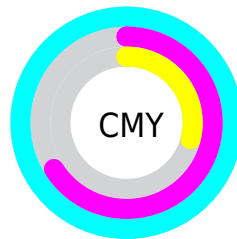
- Red (0%)
- Green (34%)
- Blue (71%)



- Red (0%)
- Yellow (23%)
- Blue (71%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (66%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278212533 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 4278212533 by changing the saturation by 10% instead.



 4278212533

 4278212533

4294967295

 4278206618

 4284319982

 4278201215

 4286292735

 4278196325

 4288331263

 4278191181

 4290238975

 4278191413

 4292212223

 4278190623

 4294246399

 4278190082

 4278190080

 4278212533

■ 4279394485

■ 4280576693

■ 4281758645

■ 4282940853

■ 4284188341

■ 4285370293

■ 4286552501

■ 4287734453

■ 4288916661

# Harmonies

## Analogous

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



4278216373



4278212533



4286202012

# Triad

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



4278212533



4288493846



4278218049

# Complementary

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



4278212533



4290076160

# 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.



4279592972



4278212533



4286533376

# Square

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



4278212533



4289405251



4283850496



4278218354

# Rectangle

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



4278212533



4288163457



4283850496



4278217777



# Sweetspot

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



4278212533



4288988907



4278236510



4283129717



4294309365



4285887861



# Same Dimension

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



4278212533



4278219243



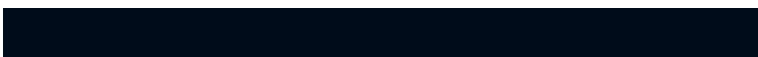
4278386869



4283454809



4278209177



4278193178



# Inverse Universe

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



4290052183



4293591153



4289901824



4284043349



4288217162



4279894028



# Previews

## White Background



This preview shows how the Android color 4278212533 looks on a white background.

## Color Contrast Check

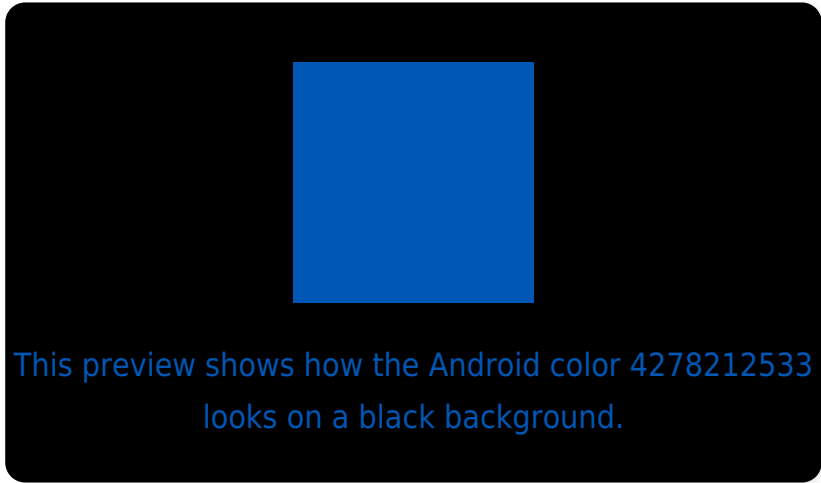
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278212533 Background



This preview shows how black text looks on a background with the Android color 4278212533.



This preview shows how white text looks on a background with the Android color 4278212533.

# 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**

4278212533

**Protanopia**

4279785140

**Deuteranopia**

4278213791



# Trichromacy



**Original Color**  
4278212533

**Protanomaly**  
4279195316

**Deuteranomaly**  
4278213287

**Tritanomaly**  
4278214533

# Monochromacy



**Original Color**  
4278212533

**Achromatopsia**  
4282927176

**Achromatomaly**  
4281224560

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278212533 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, 87, 181)` looks like.

```
.text, #text, p{  
    color:rgb(0, 87, 181)  
}
```

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, 87, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 87, 181) }
```

## Border

The CSS property to change the border of an element to Android 4278212533 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, 87, 181) }
```

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

```
.border{ border-color:rgb(0, 87, 181) }
```

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

Here you see how a box with a 4 pixel rgb(0, 87, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 87, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 87, 181);  
box-shadow:4px 4px 4px 4px rgb(0, 87, 181)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278212533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 87, 181) }
```

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

```
.background{ background-color: rgb(0, 87,  
181) }
```

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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