

# Converting Colors

Android(4278213065)

Have a look what the booklet for  
Android(4278213065) contains.

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# Color

**Android(4278213065)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0059C9
RGB	0, 89, 201
RGB Percent	0%, 35%, 79%
CMY	1.0000, 0.6510, 0.2118
CMYK	1.00, 0.56, 0.00, 0.21
HSL	213°, 100%, 39%
HSV	213°, 100%, 79%
XYZ	14.1150, 11.3618, 56.7074
YIQ	75.1570, -88.9960, 15.9640

# Conversions

## Conversions Part 2

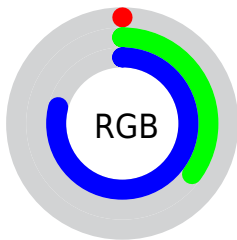
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 62, 201
Decimal	22985
CIELab	40.18, 22.61, -64.04
CIELCh	40, 67.919, 289.445
Yxy	11.3618, 0.1717, 0.1382
Android (android.graphics.Color)	4278213065 (0xFF0059C9)
YUV	75.1570, 62.0406, -65.9127
Hunter-Lab	33.7073, 15.7595, -76.1515

# Details

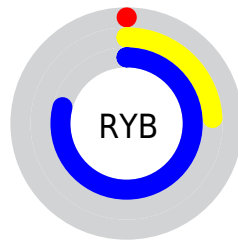
The Android color `4278213065` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed blue. A complement of this color would be `4291391488`, and the grayscale version is `4283124555`.

A 20% lighter version of the original color is `4284713727`, and `4278201746` is the 20% darker color. If you saturate the color by 10%, you get `4278213065`, and if you desaturate by 10%, it is `4279526601`.

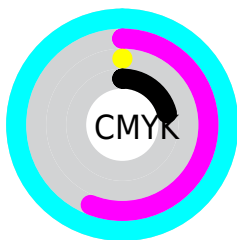
# Distribution



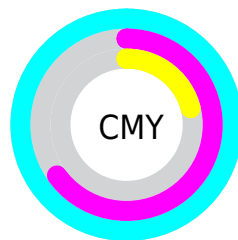
- Red (0%)
- Green (35%)
- Blue (79%)



- Red (0%)
- Yellow (24%)
- Blue (79%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (65%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278213065 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 4278213065 by changing the saturation by 10% instead.



 4278213065

 4278213065

4294967295

 4278207149

 4284713727

 4278201746

 4286817535

 4278196855

 4288790527

 4278190174

 4290829311

 4278192197

 4292868095

 4278191150

4294836223

 4278190360

 4278190080

 4278213065

■ 4279526601

■ 4280840137

■ 4282153929

■ 4283467465

■ 4284846537

■ 4286160073

■ 4287473609

■ 4288787401

■ 4290100937

# Harmonies

## Analogous

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



4278217933



4278213065



4287314600

# Triad

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



4278213065



4289280256



4278220104

# Complementary

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



4278213065



4291391488

# 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.



4278218755



4278213065



4286862592

# Square

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



4278213065



4290514238



4283590400



4278220418

# Rectangle

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



4278213065



4289469831



4283590400



4278219829



# Sweetspot

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



4278213065



4289975551



4278241647



4283590272



4278190080



4286611584



# Same Dimension

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



4278213065



4278219263



4278845641



4284112483



4278208675



4278194212



# Inverse Universe

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



4291362905



4294901873



4290758912



4284701278



4288872520



4280549392



# Previews

## White Background



This preview shows how the Android color 4278213065 looks on a white background.

### Color Contrast Check

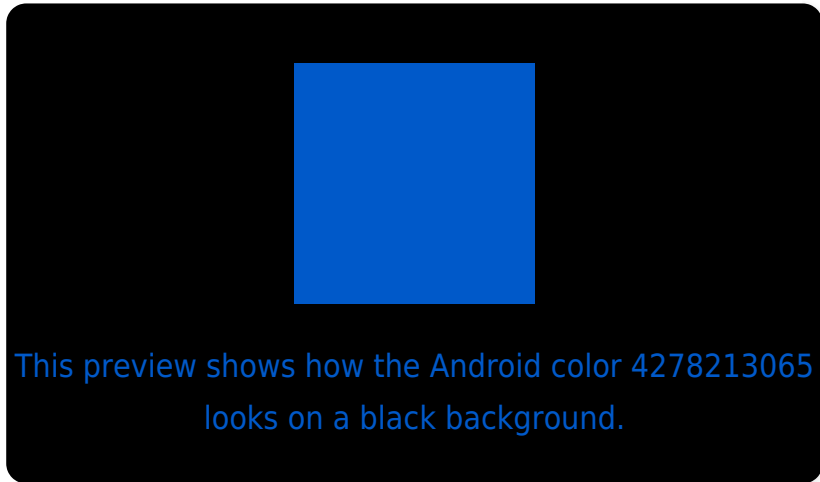
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278213065 Background



This preview shows how black text looks on a background with the Android color 4278213065.

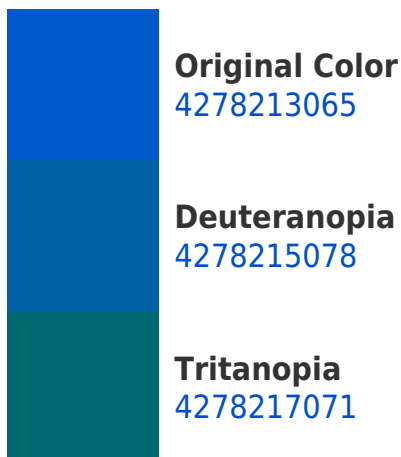


This preview shows how white text looks on a background with the Android color 4278213065.

# 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**  
4278213065

**Deuteranomaly**  
4278214323

**Tritanomaly**  
4278215568

# Monochromacy



**Original Color**  
4278213065

**Achromatopsia**  
4283124555

**Achromatomaly**  
4281356409

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278213065 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, 89, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 89, 201)  
}
```

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, 89, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 89, 201) }
```

## Border

The CSS property to change the border of an element to Android 4278213065 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, 89, 201) }
```

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

```
.border{ border-color:rgb(0, 89, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 89, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 89, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 89, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 89, 201)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278213065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 89, 201) }
```

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

```
.background{ background-color: rgb(0, 89,  
201) }
```

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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