

# Converting Colors

Android(4278413489)

Have a look what the booklet for  
Android(4278413489) contains.

<b>Android(4278413489)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4278413489)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0368B1
RGB	3, 104, 177
RGB Percent	1%, 41%, 69%
CMY	0.9882, 0.5922, 0.3059
CMYK	0.98, 0.41, 0.00, 0.31
HSL	205°, 97%, 35%
HSV	205°, 98%, 69%
XYZ	12.9237, 13.0943, 43.4413
YIQ	82.1230, -83.6290, 1.2910

# Conversions

## Conversions Part 2

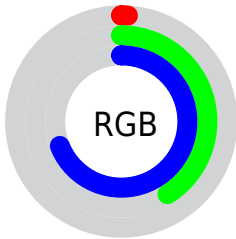
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 67, 177
Decimal	223409
CIELab	42.91, 3.21, -45.67
CIELCh	43, 45.787, 274.019
Yxy	13.0943, 0.1861, 0.1885
Android (android.graphics.Color)	4278413489 (0xFF0368B1)
YUV	82.1230, 46.7744, -69.3909
Hunter-Lab	36.1861, 0.4248, -45.8472

# Details

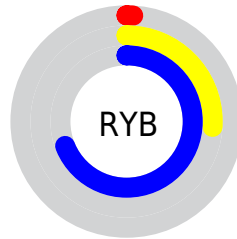
The Android color `4278413489` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289809411`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4284259305`, and `4278205052` is the 20% darker color. If you saturate the color by 10%, you get `4278216625`, and if you desaturate by 10%, it is `4279594929`.

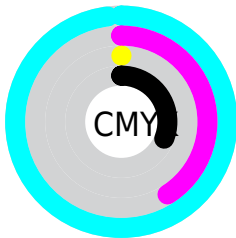
# Distribution



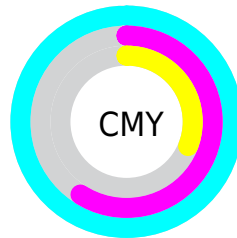
- Red (1%)
- Green (41%)
- Blue (69%)



- Red (1%)
- Yellow (26%)
- Blue (69%)



- Cyan (98%)
- Magenta (41%)
- Yellow (0%)
- Black (31%)



- Cyan (99%)
- Magenta (59%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278413489 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 4278413489 by changing the saturation by 10% instead.



 4278413489

 4278413489

4294967295

 4278210710

 4284259305

 4278205052

 4286232063

 4278199650

 4288205311

 4278194250

 4290178559

 4278191155

 4292149247

 4278190621

 4294115327

 4278190080

 4278413489

 4278413489

 4278216625

 4279594929

■ 4280711089

■ 4281892529

■ 4283074225

■ 4284190129

■ 4285371825

■ 4286553265

■ 4287734705

■ 4288850865

# Harmonies

## Analogous

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



4278219433



4278413489



4285356452

# Triad

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



4278413489



4289087549



4278220098

# Complementary

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



4278413489



4289809411

# 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.



4283264801



4278413489



4287846175

# Square

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



4278413489



4289282402



4285818128



4278220649

# Rectangle

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



4278413489



4287385234



4285818128



4280906550



# Sweetspot

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



4278413489



4288924390



4278432076



4283130483



4294111986



4285756275



# Same Dimension

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



4278413489



4278224358



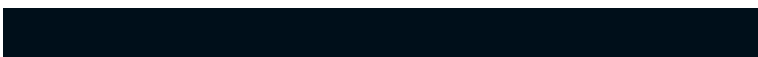
4278391217



4283455065



4278213017



4278193946



# Inverse Universe

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



4289790824



4293263493



4289831683



4284043350



4288217177



4279894031



# Previews

## White Background



This preview shows how the Android color 4278413489 looks on a white background.

### Color Contrast Check

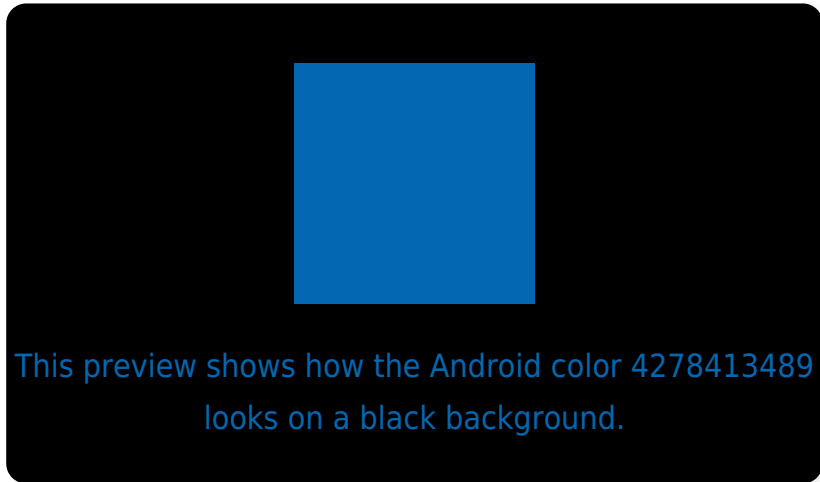
Large Text (above 18pt) WCAG AA ✓ Pass

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

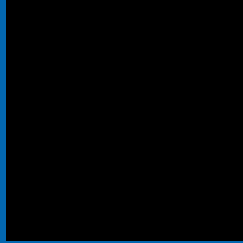
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278413489 Background



This preview shows how black text looks on a background with the Android color 4278413489.



This preview shows how white text looks on a background with the Android color 4278413489.

# 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**  
4278413489

**Protanomaly**  
4281230766

**Deuteranomaly**  
4279789489

**Tritanomaly**  
4278283661

# Monochromacy



**Original Color**  
4278413489

**Achromatopsia**  
4283585106

**Achromatomaly**  
4281686645

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278413489 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(3, 104, 177)` looks like.

```
.text, #text, p{  
    color:rgb(3, 104, 177)  
}
```

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(3, 104, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 104, 177) }
```

## Border

The CSS property to change the border of an element to Android 4278413489 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(3, 104, 177) }
```

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

```
.border{ border-color:rgb(3, 104, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 104, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 104, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 104, 177);  
box-shadow:4px 4px 4px 4px rgb(3, 104,  
177) }
```

# Background

The CSS property to change the background color of an element to Android 4278413489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 104, 177) }
```

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

```
.background{ background-color: rgb(3, 104,  
177) }
```

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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