

# Converting Colors

Android(4278217404)

Have a look what the booklet for  
Android(4278217404) contains.

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# Color

**Android(4278217404)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006ABC
RGB	0, 106, 188
RGB Percent	0%, 42%, 74%
CMY	1.0000, 0.5843, 0.2627
CMYK	1.00, 0.44, 0.00, 0.26
HSL	206°, 100%, 37%
HSV	206°, 100%, 74%
XYZ	14.2311, 13.9389, 49.5174
YIQ	83.6540, -89.4980, 3.0300

# Conversions

## Conversions Part 2

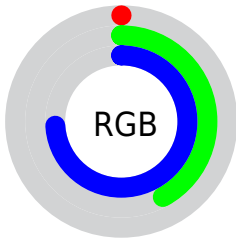
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 68, 188
Decimal	27324
CIE Lab	44.15, 6.26, -50.10
CIE LCh	44, 50.493, 277.118
Yxy	13.9389, 0.1832, 0.1794
Android (android.graphics.Color)	4278217404 (0xFF006ABC)
YUV	83.6540, 51.4426, -73.3646
Hunter-Lab	37.3348, 2.7039, -52.5022

# Details

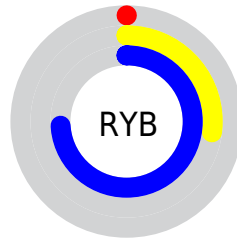
The Android color `4278217404` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4290531840`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4284390901`, and `4278205574` is the 20% darker color. If you saturate the color by 10%, you get `4278217404`, and if you desaturate by 10%, it is `4279464636`.

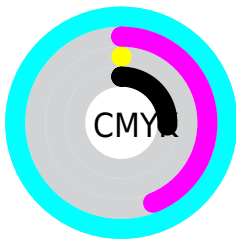
# Distribution



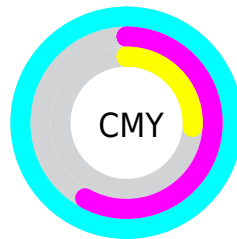
- Red (0%)
- Green (42%)
- Blue (74%)



- Red (0%)
- Yellow (27%)
- Blue (74%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (58%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278217404 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 4278217404 by changing the saturation by 10% instead.



 4278217404

 4278217404

4294967295

 4278211233

 4284390901

 4278205574

 4286429183

 4278200172

 4288402431

 4278195027

 4290441215

 4278191675

 4292411391

 4278190629

 4294377471

 4278190349

 4278190080

 4278217404

■ 4279464636

■ 4280711868

■ 4281893820

■ 4283141052

■ 4284388284

■ 4285635516

■ 4286882748

■ 4288064700

■ 4289311932

# Harmonies

## Analogous

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



4278220214



4278217404



4285946284

# Triad

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



4278217404



4289612088



4278221382

# Complementary

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



4278217404



4290531840

# 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.



4282872863



4278217404



4288109077

# Square

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



4278217404



4289936992



4285819394



4278221937

# Rectangle

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



4278217404



4288105623



4285819394



4279531576

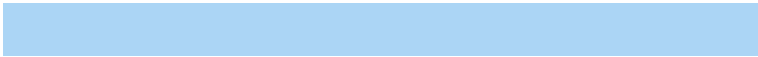


# Sweetspot

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



4278217404



4289451509



4278238289



4283328378



4294638330



4286216826



# Same Dimension

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



4278217404



4278225653



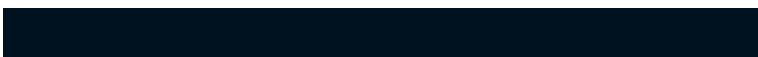
4278193596



4283783774



4278213022



4278194463



# Inverse Universe

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



4290510954



4294246538



4290555648



4284372314



4288544857



4280221713



# Previews

## White Background



This preview shows how the Android color 4278217404 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



This preview shows how the Android color 4278217404 looks on a 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 4278217404 Background



This preview shows how black text looks on a background with the Android color 4278217404.



This preview shows how white text looks on a background with the Android color 4278217404.

# 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**  
4278217404

**Protanomaly**  
4280969145

**Deuteranomaly**  
4278414012

**Tritanomaly**  
4278218899

# Monochromacy



**Original Color**  
4278217404

**Achromatopsia**  
4283716692

**Achromatomaly**  
4281687162

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278217404 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, 106, 188)` looks like.

```
.text, #text, p{  
    color:rgb(0, 106, 188)  
}
```

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, 106, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 106, 188) }
```

## Border

The CSS property to change the border of an element to Android 4278217404 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, 106, 188) }
```

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

```
.border{ border-color:rgb(0, 106, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 106, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 106, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 106, 188);  
box-shadow:4px 4px 4px 4px rgb(0, 106,  
188) }
```

# Background

The CSS property to change the background color of an element to Android 4278217404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 106, 188) }
```

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

```
.background{ background-color: rgb(0, 106,  
188) }
```

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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