

# Converting Colors

Android(4278217678)

Have a look what the booklet for  
Android(4278217678) contains.

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# Color

**Android(4278217678)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006BCE
RGB	0, 107, 206
RGB Percent	0%, 42%, 81%
CMY	1.0000, 0.5804, 0.1922
CMYK	1.00, 0.48, 0.00, 0.19
HSL	209°, 100%, 40%
HSV	209°, 100%, 81%
XYZ	16.3983, 14.9716, 60.4180
YIQ	86.2930, -95.5510, 8.1050

# Conversions

## Conversions Part 2

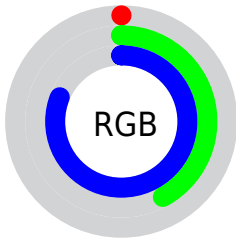
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 70, 206
Decimal	27598
CIELab	45.60, 12.85, -58.15
CIELCh	46, 59.553, 282.463
Yxy	14.9716, 0.1787, 0.1631
Android (android.graphics.Color)	4278217678 (0xFF006BCE)
YUV	86.2930, 59.0156, -75.6790
Hunter-Lab	38.6932, 7.9357, -65.4940

# Details

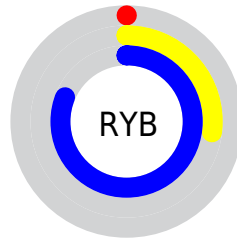
The Android color `4278217678` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4291715840`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4284718847`, and `4278205847` is the 20% darker color. If you saturate the color by 10%, you get `4278217678`, and if you desaturate by 10%, it is `4279596494`.

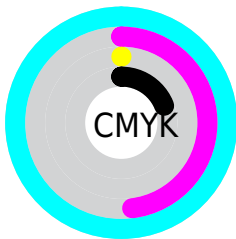
# Distribution



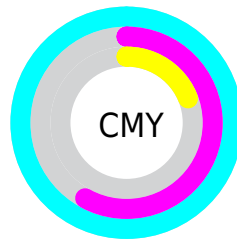
- Red (0%)
- Green (42%)
- Blue (81%)



- Red (0%)
- Yellow (27%)
- Blue (81%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (58%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278217678 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 4278217678 by changing the saturation by 10% instead.



 4278217678

 4278217678

4294967295

 4278211506

 4284718847

 4278205847

 4286822655

 4278200444

 4288861439

 4278195811

 4290900223

 4278192458

 4292870143

 4278191154

4294901759

 4278190621

 4278190080

 4278217678

■ 4279596494

■ 4280909774

■ 4282288590

■ 4283601870

■ 4284980686

■ 4286359246

■ 4287672526

■ 4289051342

■ 4290364622

# Harmonies

## Analogous

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



4278221515



4278217678



4287059126

# Triad

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



4278217678



4290267178



4278223180

# Complementary

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



4278217678



4291715840

# 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.



4281695000



4278217678



4288306944

# Square

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



4278217678



4291048793



4285493248



4278223488

# Rectangle

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



4278217678



4289348507



4285493248



4278222651

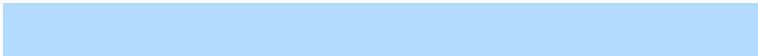


# Sweetspot

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



4278217678



4289977087



4278242912



4283591040



4278190080



4286611584

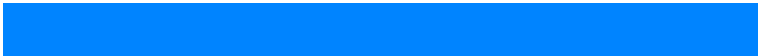


# Same Dimension

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



4278217678



4278224127



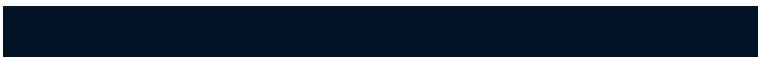
4278192078



4284244326



4278212262



4278195238



# Inverse Universe

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



4291690603



4294901892



4291741440



4284898401



4289069142



4280680468



# Previews

## White Background



This preview shows how the Android color 4278217678 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 4278217678 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 4278217678 Background



This preview shows how black text looks on a background with the Android color 4278217678.



This preview shows how white text looks on a background with the Android color 4278217678.

# 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**  
4278217678

**Protanomaly**  
4280445388

**Deuteranomaly**  
4278218181

# Monochromacy



**Original Color**  
4278217678

**Achromatopsia**  
4283848278

**Achromatomaly**  
4281818754

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278217678 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, 107, 206)` looks like.

```
.text, #text, p{  
    color:rgb(0, 107, 206)  
}
```

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, 107, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 107, 206) }
```

## Border

The CSS property to change the border of an element to Android 4278217678 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, 107, 206) }
```

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

```
.border{ border-color:rgb(0, 107, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 107, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 107, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 107, 206);  
box-shadow:4px 4px 4px 4px rgb(0, 107,  
206) }
```

# Background

The CSS property to change the background color of an element to Android 4278217678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 107, 206) }
```

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

```
.background{ background-color: rgb(0, 107,  
206) }
```

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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