

# Converting Colors

Android(4278675110)

Have a look what the booklet for  
Android(4278675110) contains.

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# Color

**Android(4278675110)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0766A6
RGB	7, 102, 166
RGB Percent	3%, 40%, 65%
CMY	0.9725, 0.6000, 0.3490
CMYK	0.96, 0.39, 0.00, 0.35
HSL	204°, 92%, 34%
HSV	204°, 96%, 65%
XYZ	11.7219, 12.3011, 37.8329
YIQ	80.8910, -77.1640, -0.2360

# Conversions

## Conversions Part 2

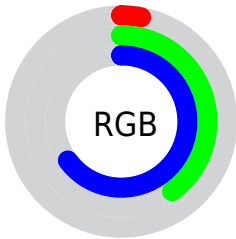
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	7, 66, 166
Decimal	485030
CIE Lab	41.69, 0.21, -41.14
CIE LCh	42, 41.139, 270.297
Yxy	12.3011, 0.1895, 0.1989
Android (android.graphics.Color)	4278675110 (0xFF0766A6)
<b>YUV</b>	80.8910, 41.9587, -64.8024
Hunter-Lab	35.0729, -1.7200, -39.4047

# Details

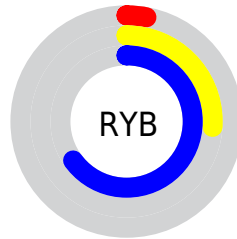
The Android color **4278675110** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **4289087239**, and the grayscale version is **4283519313**.

A 20% lighter version of the original color is **4284062174**, and **4278204530** is the 20% darker color. If you saturate the color by 10%, you get **4278215590**, and if you desaturate by 10%, it is **4279791014**.

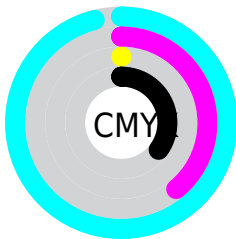
# Distribution



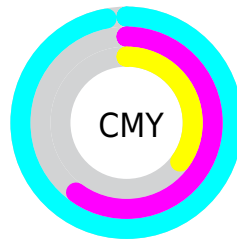
- Red (3%)
- Green (40%)
- Blue (65%)



- Red (3%)
- Yellow (26%)
- Blue (65%)



- Cyan (96%)
- Magenta (39%)
- Yellow (0%)
- Black (35%)



- Cyan (97%)
- Magenta (60%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278675110 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 4278675110 by changing the saturation by 10% instead.



 4278675110

 4278675110

4294967295

 4278210187

 4284062174

 4278204530

 4286034938

 4278199129

 4288008191

 4278193217

 4289915903

 4278190890

 4291887103

 4278190356

 4293853183

 4278190080


 4278675110

 4278675110

 4278215590

 4279791014

 4280841126

 4281957030

 4283007398

 4284123046

 4285238950

 4286289318

 4287404966

 4288455334

# Harmonies

## Analogous

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



4278218397



4278675110



4284701085

# Triad

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



4278675110



4288563266



4280381503

# Complementary

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



4278675110



4289087239

# 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.



4283591204



4278675110



4287583271

# Square

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



4278675110



4288627555



4285817113



4278219618

# Rectangle

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



4278675110



4286664846



4285817113



4281691957



# Sweetspot

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



4278675110



4288331737



4278691399



4282867310



4293783021



4285427310



# Same Dimension

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



4278675110



4278223577



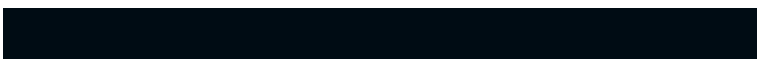
4278654886



4283191636



4278212756



4278193172



# Inverse Universe

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



4289070950



4292411522



4289107463



4283714641



4287889496



4279500812



# Previews

## White Background



This preview shows how the Android color 4278675110 looks on a white background.

## Color Contrast Check

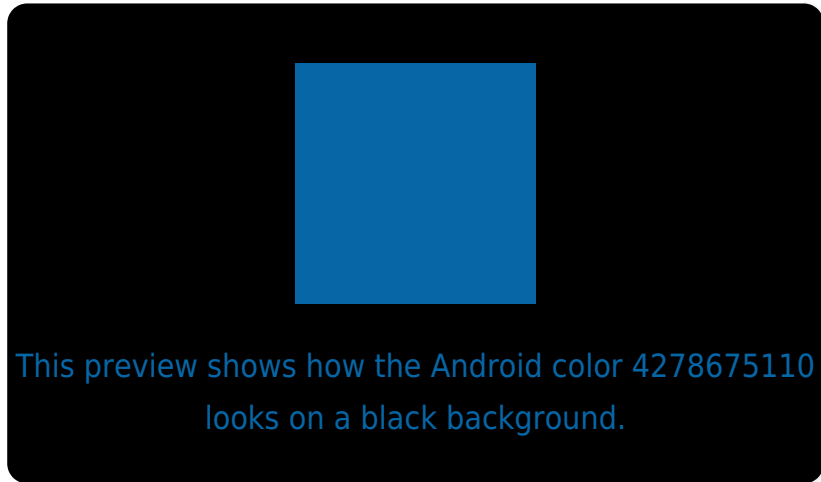
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278675110 Background



This preview shows how black text looks on a background with the Android color 4278675110.



This preview shows how white text looks on a background with the Android color 4278675110.

# 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**  
4278675110

**Protanomaly**  
4281361058

**Deuteranomaly**  
4280378535

# Monochromacy



**Original Color**  
4278675110

**Achromatopsia**  
4283519313

**Achromatomaly**  
4281751920

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278675110 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(7, 102, 166)` looks like.

```
.text, #text, p{  
    color:rgb(7, 102, 166)  
}
```

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(7, 102, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 102, 166) }
```

## Border

The CSS property to change the border of an element to Android 4278675110 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(7, 102, 166) }
```

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

```
.border{ border-color:rgb(7, 102, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 102, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 102, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 102, 166);  
box-shadow:4px 4px 4px 4px rgb(7, 102,  
166) }
```

# Background

The CSS property to change the background color of an element to Android 4278675110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 102, 166) }
```

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

```
.background{ background-color: rgb(7, 102,  
166) }
```

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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