

# Converting Colors

Android(4278216606)

Have a look what the booklet for  
Android(4278216606) contains.

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# Color

**Android(4278216606)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00679E
RGB	0, 103, 158
RGB Percent	0%, 40%, 62%
CMY	1.0000, 0.5961, 0.3804
CMYK	1.00, 0.35, 0.00, 0.38
HSL	201°, 100%, 31%
HSV	201°, 100%, 62%
XYZ	11.0218, 12.1691, 34.1157
YIQ	78.4730, -79.0430, -4.7310

# Conversions

## Conversions Part 2

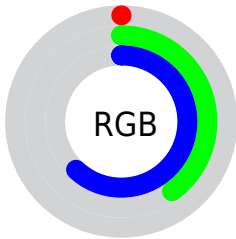
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 62, 158
Decimal	26526
CIELab	41.48, -3.95, -36.73
CIELCh	41, 36.942, 263.860
Yxy	12.1691, 0.1923, 0.2124
Android (android.graphics.Color)	4278216606 (0xFF00679E)
YUV	78.4730, 39.2068, -68.8208
Hunter-Lab	34.8843, -4.6498, -33.5648

# Details

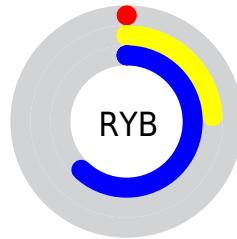
The Android color **4278216606** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **4288558848**, and the grayscale version is **4283321934**.

A 20% lighter version of the original color is **4283865813**, and **4278204778** is the 20% darker color. If you saturate the color by 10%, you get **4278216606**, and if you desaturate by 10%, it is **4279266462**.

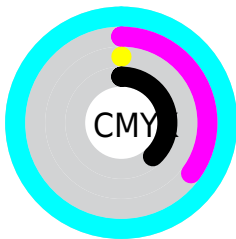
# Distribution



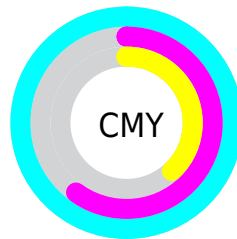
- Red (0%)
- Green (40%)
- Blue (62%)



- Red (0%)
- Yellow (24%)
- Blue (62%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (60%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278216606 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 4278216606 by changing the saturation by 10% instead.





4278216606



4278216606

4294967295



4278210436



4283865813



4278204778



4285773042



4278199378



4287746303



4278193466



4289654015



4278190628



4291559423



4278190092



4293525503



4278190080



4278216606



4279266462

■ 4280316574

■ 4281300894

■ 4282351006

■ 4283401118

■ 4284450974

■ 4285501086

■ 4286485406

■ 4287535518

# Harmonies

## Analogous

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



4278218386



4278216606



4284046489

# Triad

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



4278216606



4288301387



4281757245

# Complementary

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



4278216606



4288558848

# 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.



4284180263



4278216606



4287583025

# Square

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



4278216606



4288039017



4286078499



4278219098

# Rectangle

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



4278216606



4285944974



4286078499



4282674228



# Sweetspot

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



4278216606



4287740367



4278230581



4282604393



4293454056



4285098345



# Same Dimension

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



4278216606



4278224847



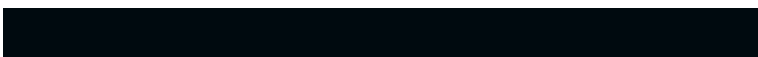
4278196894



4282862671



4278214031



4278192655



# Inverse Universe

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



4288544871



4291756167



4288578560



4283385676



4287561821



4279173130



# Previews

## White Background



This preview shows how the Android color 4278216606 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 4278216606 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 4278216606 Background



This preview shows how black text looks on a background with the Android color 4278216606.



This preview shows how white text looks on a background with the Android color 4278216606.

# 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**  
4278216606

**Protanomaly**  
4281426842

**Deuteranomaly**  
4280706207

**Tritanomaly**  
4278217604

# Monochromacy



**Original Color**  
4278216606

**Achromatopsia**  
4283321934

**Achromatomaly**  
4281489259

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278216606 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, 103, 158)` looks like.

```
.text, #text, p{  
    color:rgb(0, 103, 158)  
}
```

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, 103, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 103, 158) }
```

## Border

The CSS property to change the border of an element to Android 4278216606 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, 103, 158) }
```

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

```
.border{ border-color:rgb(0, 103, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 103, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 103, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 103, 158);  
box-shadow:4px 4px 4px 4px rgb(0, 103,  
158) }
```

# Background

The CSS property to change the background color of an element to Android 4278216606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 103, 158) }
```

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

```
.background{ background-color: rgb(0, 103,  
158) }
```

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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