

Converting Colors

Android(4278217119)

Have a look what the booklet for
Android(4278217119) contains.

Android(4278217119)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278217119)

Conversions

Conversions Part 1

Format	Color
Hex	00699F
RGB	0, 105, 159
RGB Percent	0%, 41%, 62%
CMY	1.0000, 0.5882, 0.3765
CMYK	1.00, 0.34, 0.00, 0.38
HSL	200°, 100%, 31%
HSV	200°, 100%, 62%
XYZ	11.3096, 12.6064, 34.6381
YIQ	79.7610, -79.9140, -5.4660

Conversions

Conversions Part 2

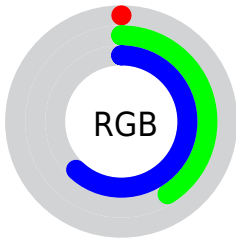
Format	Color
RYB	0, 63, 159
Decimal	27039
CIELab	42.16, -4.78, -36.25
CIELCh	42, 36.561, 262.487
Yxy	12.6064, 0.1931, 0.2153
Android (android.graphics.Color)	4278217119 (0xFF00699F)
YUV	79.7610, 39.0648, -69.9504
Hunter-Lab	35.5054, -5.2767, -32.9878

Details

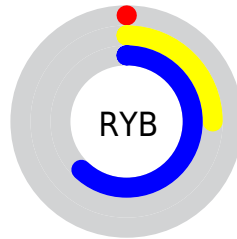
The Android color `4278217119` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288624128`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4283866326`, and `4278205035` is the 20% darker color. If you saturate the color by 10%, you get `4278217119`, and if you desaturate by 10%, it is `4279266975`.

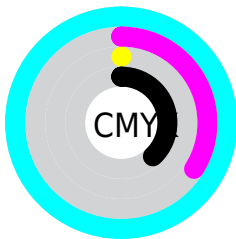
Distribution



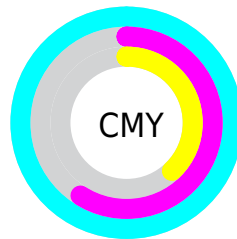
- Red (0%)
- Green (41%)
- Blue (62%)



- Red (0%)
- Yellow (25%)
- Blue (62%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (59%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278217119 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 4278217119 by changing the saturation by 10% instead.

 4278217119

 4278217119

4294967295

 4278210949

 4283866326

 4278205035

 4285839347


 4278199635

 4287746815

 4278194235

 4289654783

 4278190629

 4291624959

 4278190349

 4293591039

 4278190080

 4278217119

 4279266975

■ 4280317087

■ 4281366943

■ 4282417055

■ 4283466911

■ 4284451231

■ 4285501343

■ 4286551199

■ 4287601311

Harmonies

Analogous

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



4278218899



4278217119



4284047259

Triad

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



4278217119



4288367438



4282019645

Complementary

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



4278217119



4288624128

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.



4284377385



4278217119



4287714357

Square

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



4278217119



4288105068



4286275366



4278219355

Rectangle

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



4278217119



4285945744



4286275366



4282936629

Sweetspot

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



4278217119



4287740623



4278230837



4282604649



4293454056



4285098345

Same Dimension

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



4278217119



4278225103



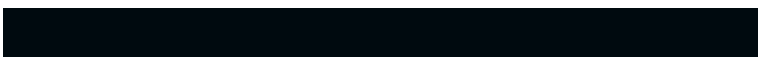
4278197151



4282862671



4278214287



4278192655

Inverse Universe

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



4288610409



4291756168



4288644352



4283385676



4287561822



4279173130

Previews

White Background



This preview shows how the Android color 4278217119 looks on a white background.

Color Contrast Check

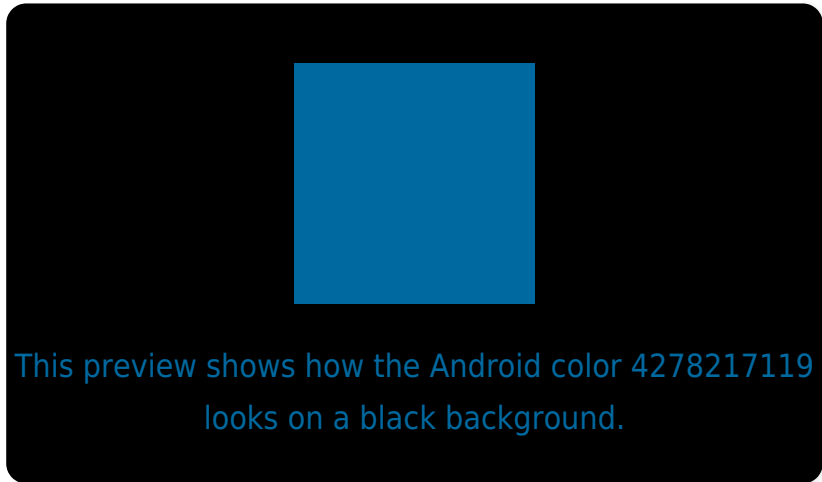
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278217119 Background



This preview shows how black text looks on a background with the Android color 4278217119.



This preview shows how white text looks on a background with the Android color 4278217119.

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
4278217119

Protanomaly
4281558427

Deuteranomaly
4280837792

Tritanomaly
4278218118

Monochromacy



Original Color
4278217119

Achromatopsia
4283453520

Achromatomaly
4281555309

CSS Examples

Text

The CSS property to change the color of the text to Android 4278217119 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, 105, 159)` looks like.

```
.text, #text, p{  
    color:rgb(0, 105, 159)  
}
```

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, 105, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 105, 159) }
```

Border

The CSS property to change the border of an element to Android 4278217119 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, 105, 159) }
```

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

```
.border{ border-color:rgb(0, 105, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 105, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 105, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 105, 159);  
box-shadow:4px 4px 4px 4px rgb(0, 105,  
159) }
```

Background

The CSS property to change the background color of an element to Android 4278217119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 105, 159) }
```

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

```
.background{ background-color: rgb(0, 105,  
159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor