

Converting Colors

Android(4278669739)

Have a look what the booklet for
Android(4278669739) contains.

Android(4278669739)	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(4278669739)

Conversions

Conversions Part 1

Format	Color
Hex	0751AB
RGB	7, 81, 171
RGB Percent	3%, 32%, 67%
CMY	0.9725, 0.6824, 0.3294
CMYK	0.96, 0.53, 0.00, 0.33
HSL	213°, 92%, 35%
HSV	213°, 96%, 67%
XYZ	10.3807, 8.8703, 39.6931
YIQ	69.1340, -72.9940, 12.3020

Conversions

Conversions Part 2

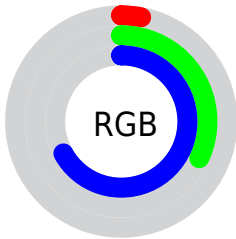
Format	Color
RYB	7, 58, 171
Decimal	479659
CIELab	35.73, 16.01, -53.68
CIELCh	36, 56.014, 286.610
Yxy	8.8703, 0.1761, 0.1505
Android (android.graphics.Color)	4278669739 (0xFF0751AB)
YUV	69.1340, 50.2199, -54.4915
Hunter-Lab	29.7831, 10.0949, -58.1701

Details

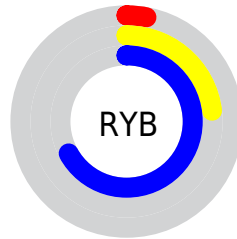
The Android color `4278669739` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4289421575`, and the grayscale version is `4282729797`.

A 20% lighter version of the original color is `4284187363`, and `4278199926` is the 20% darker color. If you saturate the color by 10%, you get `4278209963`, and if you desaturate by 10%, it is `4279786155`.

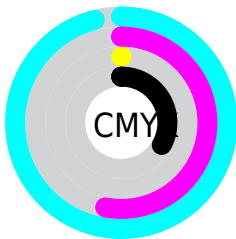
Distribution



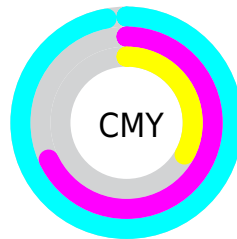
- Red (3%)
- Green (32%)
- Blue (67%)



- Red (3%)
- Yellow (23%)
- Blue (67%)



- Cyan (96%)
- Magenta (53%)
- Yellow (0%)
- Black (33%)



- Cyan (97%)
- Magenta (68%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278669739 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 4278669739 by changing the saturation by 10% instead.

 4278669739

 4278669739

4294967295

 4278205328

 4284187363

 4278199926

 4286225407

 4278195036

 4288132863

 4278192196

 4290106111

 4278190893

 4292079359

 4278190359

 4294049791

 4278190080

 4278669739

 4278669739

 4278209963

 4279786155

■ 4280902827

■ 4282019243

■ 4283135915

■ 4284252331

■ 4285434283

■ 4286550955

■ 4287667371

■ 4288783787

Harmonies

Analogous

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



4278214572



4278669739



4285807506

Triad

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



4278669739



4287902994



4278216254

Complementary

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



4278669739



4289421575

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.



4279067147



4278669739



4286008064

Square

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



4278669739



4288814397



4283456000



4278216813

Rectangle

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



4278669739



4287637881



4283456000



4278215982

Sweetspot

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



4278669739



4288592862



4278692702



4282997616



4293980400



4285558896

Same Dimension

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



4278669739



4278215902



4278978475



4283322967



4278207638



4278192663

Inverse Universe

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



4289398609



4292739172



4289112839



4283911762



4288020548



4279697418

Previews

White Background



This preview shows how the Android color 4278669739 looks on a white background.

Color Contrast Check

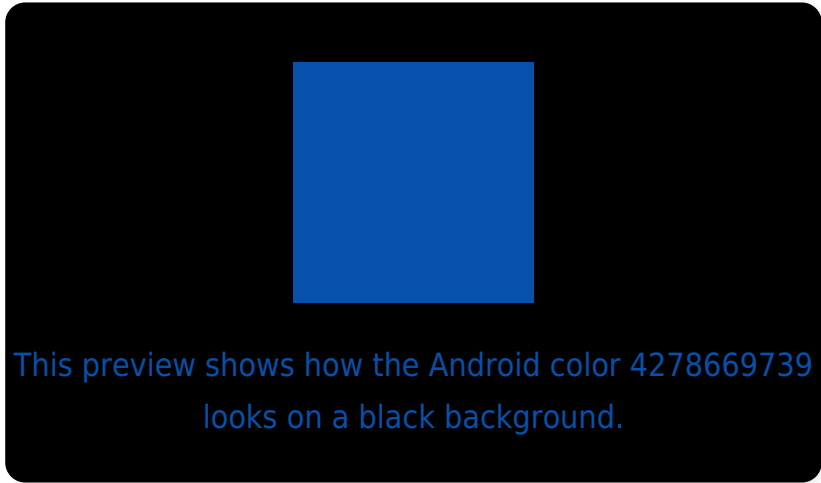
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4278669739 Background



This preview shows how black text looks on a background with the Android color 4278669739.



This preview shows how white text looks on a background with the Android color 4278669739.

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



Original Color

4278669739

Protanopia

4279194027

Deuteranopia

4278212245

Trichromacy



Original Color

4278669739

Protanomaly

4278997419

Deuteranomaly

4278408349

Tritanomaly

4278409597

Monochromacy



Original Color

4278669739

Achromatopsia

4282729797

Achromatomaly

4281223530

CSS Examples

Text

The CSS property to change the color of the text to Android 4278669739 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, 81, 171)` looks like.

```
.text, #text, p{  
    color:rgb(7, 81, 171)  
}
```

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, 81, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 81, 171) }
```

Border

The CSS property to change the border of an element to Android 4278669739 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, 81, 171) }
```

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

```
.border{ border-color:rgb(7, 81, 171) }
```

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

Here you see how a box with a 4 pixel rgb(7, 81, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 81, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 81, 171);  
box-shadow:4px 4px 4px 4px rgb(7, 81, 171)  
}
```

Background

The CSS property to change the background color of an element to Android 4278669739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 81, 171) }
```

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

```
.background{ background-color: rgb(7, 81,  
171) }
```

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