

Converting Colors

Android(4278215316)

Have a look what the booklet for
Android(4278215316) contains.

Android(4278215316)	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(4278215316)

Conversions

Conversions Part 1

Format	Color
Hex	006294
RGB	0, 98, 148
RGB Percent	0%, 38%, 58%
CMY	1.0000, 0.6157, 0.4196
CMYK	1.00, 0.34, 0.00, 0.42
HSL	200°, 100%, 29%
HSV	200°, 100%, 58%
XYZ	9.7130, 10.8735, 29.6038
YIQ	74.3980, -74.4580, -5.2260

Conversions

Conversions Part 2

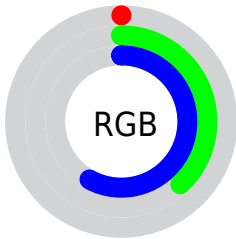
Format	Color
RYB	0, 59, 148
Decimal	25236
CIELab	39.37, -4.89, -34.11
CIELCh	39, 34.455, 261.847
Yxy	10.8735, 0.1935, 0.2166
Android (android.graphics.Color)	4278215316 (0xFF006294)
YUV	74.3980, 36.2858, -65.2470
Hunter-Lab	32.9750, -5.1279, -30.1461

Details

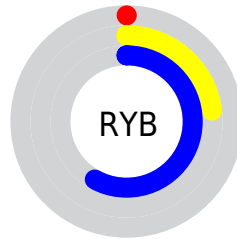
The Android color `4278215316` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287902208`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4283667658`, and `4278203489` is the 20% darker color. If you saturate the color by 10%, you get `4278215316`, and if you desaturate by 10%, it is `4279199636`.

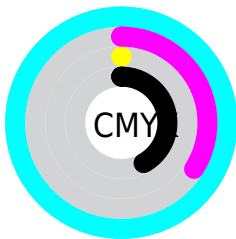
Distribution



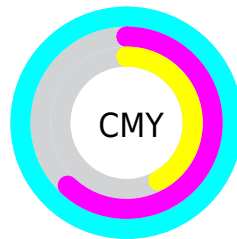
- Red (0%)
- Green (38%)
- Blue (58%)



- Red (0%)
- Yellow (23%)
- Blue (58%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (62%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278215316 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 4278215316 by changing the saturation by 10% instead.

 4278215316

 4278215316

4294967295

 4278209146

 4283667658

 4278203489

 4285575143

 4278198089

 4287482623

 4278191154

 4289390335

 4278190620

 4291297279

 4278190080

 4293197823

 4278215316

 4279199636

■ 4280183956

■ 4281102740

■ 4282087060

■ 4283071380

■ 4284055700

■ 4285040020

■ 4285958804

■ 4286943124

Harmonies

Analogous

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



4278216840



4278215316



4283586705

Triad

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



4278215316



4287710793



4281820985

Complementary

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



4278215316



4287902208

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.



4284047654



4278215316



4287057457

Square

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



4278215316



4287382886



4285815075



4278217300

Rectangle

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



4278215316



4285354375



4285815075



4282607153

Sweetspot

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



4278215316



4287016127



4278228017



4282275169



4292927712



4284572001

Same Dimension

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



4278215316



4278222783



4278196628



4282599242



4278213514



4278191882

Inverse Universe

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



4287889506



4290707583



4287920896



4283056967



4287234139



4278845447

Previews

White Background



This preview shows how the Android color 4278215316 looks on a white background.

Color Contrast Check

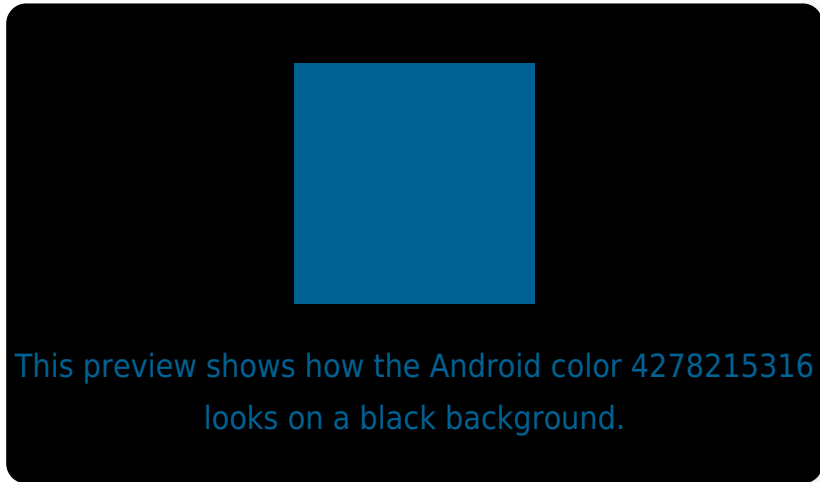
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278215316 Background



This preview shows how black text looks on a background with the Android color 4278215316.



This preview shows how white text looks on a background with the Android color 4278215316.

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
4278215316

Protanomaly
4281360016

Deuteranomaly
4280704917

Tritanomaly
4278216060

Monochromacy



Original Color
4278215316

Achromatopsia
4283058762

Achromatomaly
4281291621

CSS Examples

Text

The CSS property to change the color of the text to Android 4278215316 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, 98, 148)` looks like.

```
.text, #text, p{  
    color:rgb(0, 98, 148)  
}
```

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, 98, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 98, 148) }
```

Border

The CSS property to change the border of an element to Android 4278215316 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, 98, 148) }
```

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

```
.border{ border-color:rgb(0, 98, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 98, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 98, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 98, 148);  
box-shadow:4px 4px 4px 4px rgb(0, 98, 148)  
}
```

Background

The CSS property to change the background color of an element to Android 4278215316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 98, 148) }
```

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

```
.background{ background-color: rgb(0, 98,  
148) }
```

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