

Converting Colors

Android(4278217180)

Have a look what the booklet for
Android(4278217180) contains.

Android(4278217180)	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(4278217180)

Conversions

Conversions Part 1

Format	Color
Hex	0069DC
RGB	0, 105, 220
RGB Percent	0%, 41%, 86%
CMY	1.0000, 0.5882, 0.1373
CMYK	1.00, 0.52, 0.00, 0.14
HSL	211°, 100%, 43%
HSV	211°, 100%, 86%
XYZ	17.9698, 15.2705, 69.7105
YIQ	86.7150, -99.4950, 13.5050

Conversions

Conversions Part 2

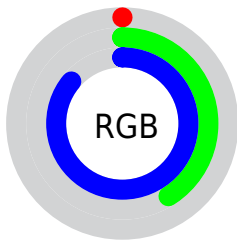
Format	Color
RYB	0, 71, 220
Decimal	27100
CIELab	46.00, 19.72, -65.47
CIELCh	46, 68.380, 286.761
Yxy	15.2705, 0.1745, 0.1483
Android (android.graphics.Color)	4278217180 (0xFF0069DC)
YUV	86.7150, 65.7095, -76.0491
Hunter-Lab	39.0774, 13.6981, -78.4137

Details

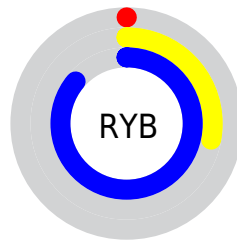
The Android color `4278217180` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4292637440`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4284980223`, and `4278205348` is the 20% darker color. If you saturate the color by 10%, you get `4278217180`, and if you desaturate by 10%, it is `4279661788`.

Distribution



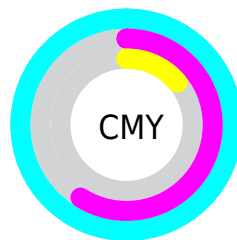
- Red (0%)
- Green (41%)
- Blue (86%)



- Red (0%)
- Yellow (28%)
- Blue (86%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (59%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278217180 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 4278217180 by changing the saturation by 10% instead.

 4278217180

 4278217180

4294967295

 4278211008

 4284980223

 4278205348

 4287149823

 4278200201

 4289253887

 4278195567

 4291292927

 4278192726

 4293328895

 4278191677

 4278190887

 4278190352

 4278190080

■ 4278217180

■ 4279661788

■ 4281106652

■ 4282551260

■ 4283996124

■ 4285440988

■ 4286885596

■ 4288330460

■ 4289775068

■ 4291219932

Harmonies

Analogous

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



4278221789



4278217180



4288040124

Triad

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



4278217180



4290659607



4278223953

Complementary

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



4278217180



4292637440

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.



4279074574



4278217180



4288241920

Square

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



4278217180



4291831120



4284904448



4278224525

Rectangle

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



4278217180



4290393499



4284904448



4278223676

Sweetspot

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



4278217180



4289976319



4278246514



4283590784



4278190080



4286611584

Same Dimension

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



4278217180



4278221567



4278452444



4284704878



4278211501



4278195758

Inverse Universe

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



4292608105



4294901882



4292402176



4285424488



4289527891



4281204758

Previews

White Background



This preview shows how the Android color 4278217180 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 4278217180 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 4278217180 Background



This preview shows how black text looks on a background with the Android color 4278217180.



This preview shows how white text looks on a background with the Android color 4278217180.

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

4278217180

Protanopia

4279855579

Deuteranopia

4278218688

Trichromacy



Original Color
4278217180

Protanomaly
4279265755

Deuteranomaly
4278218186

Tritanomaly
4278219681

Monochromacy



Original Color
4278217180

Achromatopsia
4283914071

Achromatomaly
4281818759

CSS Examples

Text

The CSS property to change the color of the text to Android 4278217180 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(0, 105, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 105, 220) }
```

Border

The CSS property to change the border of an element to Android 4278217180 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, 220) }
```

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

```
.border{ border-color:rgb(0, 105, 220) }
```

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, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 105, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 105, 220);  
box-shadow:4px 4px 4px 4px rgb(0, 105,  
220) }
```

Background

The CSS property to change the background color of an element to Android 4278217180 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, 220) }
```

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

```
.background{ background-color: rgb(0, 105,  
220) }
```

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