

Converting Colors

Android(4278220760)

Have a look what the booklet for
Android(4278220760) contains.

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Color

Android(4278220760)

Conversions

Conversions Part 1

Format	Color
Hex	0077D8
RGB	0, 119, 216
RGB Percent	0%, 47%, 85%
CMY	1.0000, 0.5333, 0.1529
CMYK	1.00, 0.45, 0.00, 0.15
HSL	207°, 100%, 42%
HSV	207°, 100%, 85%
XYZ	18.9915, 18.1515, 67.4684
YIQ	94.4770, -102.0610, 4.9390

Conversions

Conversions Part 2

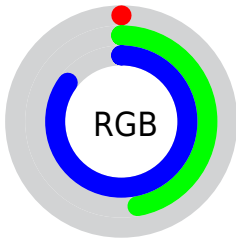
Format	Color
RYB	0, 77, 216
Decimal	30680
CIELab	49.68, 9.21, -57.27
CIELCh	50, 58.003, 279.136
Yxy	18.1515, 0.1815, 0.1735
Android (android.graphics.Color)	4278220760 (0xFF0077D8)
YUV	94.4770, 59.9108, -82.8563
Hunter-Lab	42.6046, 5.0104, -64.0681

Details

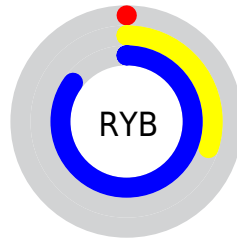
The Android color `4278220760` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4292370688`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4284918783`, and `4278208672` is the 20% darker color. If you saturate the color by 10%, you get `4278220760`, and if you desaturate by 10%, it is `4279665112`.

Distribution



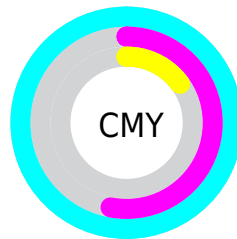
- Red (0%)
- Green (47%)
- Blue (85%)



- Red (0%)
- Yellow (30%)
- Blue (85%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (53%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278220760 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 4278220760 by changing the saturation by 10% instead.

 4278220760

 4278220760

4294967295

 4278214588

 4284918783

 4278208672

 4287022847

 4278203014

 4289126911

 4278198124

 4291100415

 4278191443

 4293132287

 4278191675

 4278190628

 4278190092

 4278190080

■ 4278220760

■ 4279665112

■ 4281043672

■ 4282488024

■ 4283866840

■ 4285311192

■ 4286755288

■ 4288134104

■ 4289578456

■ 4290957016

Harmonies

Analogous

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



4278224338



4278220760



4287324867

Triad

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



4278220760



4291121466



4278225745

Complementary

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



4278220760



4292370688

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.



4283073569



4278220760



4289292046

Square

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



4278220760



4291707753



4286609664



4278226308

Rectangle

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



4278220760



4289745577



4286609664



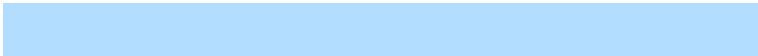
4278225216

Sweetspot

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



4278220760



4289977855



4278245470



4283591552



4278190080



4286611584

Same Dimension

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



4278220760



4278226175



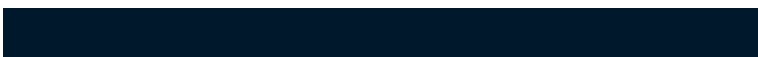
4278193880



4284507755



4278214315



4278196267

Inverse Universe

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



4292345975



4294901900



4292397568



4285227110



4289396830



4281008152

Previews

White Background



This preview shows how the Android color 4278220760 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 4278220760 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278220760 Background



This preview shows how black text looks on a background with the Android color 4278220760.



This preview shows how white text looks on a background with the Android color 4278220760.

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
4278220760

Protanomaly
4281169109

Deuteranomaly
4278221013

Tritanomaly
4278222760

Monochromacy



Original Color
4278220760

Achromatopsia
4284374622

Achromatomaly
4282148746

CSS Examples

Text

The CSS property to change the color of the text to Android 4278220760 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, 119, 216)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 216)  
}
```

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, 119, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 216) }
```

Border

The CSS property to change the border of an element to Android 4278220760 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, 119, 216) }
```

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

```
.border{ border-color:rgb(0, 119, 216) }
```

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

Here you see how a box with a 4 pixel rgb(0, 119, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 216);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
216) }
```

Background

The CSS property to change the background color of an element to Android 4278220760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 216) }
```

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

```
.background{ background-color: rgb(0, 119,  
216) }
```

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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