

Converting Colors

Android(4278220742)

Have a look what the booklet for
Android(4278220742) contains.

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Color

Android(4278220742)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 0077C6 |
| RGB | 0, 119, 198 |
| RGB Percent | 0%, 47%, 78% |
| CMY | 1.0000, 0.5333, 0.2235 |
| CMYK | 1.00, 0.40, 0.00, 0.22 |
| HSL | 204°, 100%, 39% |
| HSV | 204°, 100%, 78% |
| XYZ | 16.7899, 17.2709, 55.8748 |
| YIQ | 92.4250, -96.2830, -0.6590 |

Conversions

Conversions Part 2

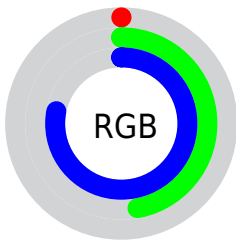
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 74, 198 |
| Decimal | 30662 |
| CIELab | 48.60, 2.10, -48.74 |
| CIElCh | 49, 48.788, 272.468 |
| Yxy | 17.2709, 0.1867, 0.1920 |
| Android (android.graphics.Color) | 4278220742 (0xFF0077C6) |
| YUV | 92.4250, 52.0485, -81.0567 |
| Hunter-Lab | 41.5582, -0.6114, -50.6242 |

Details

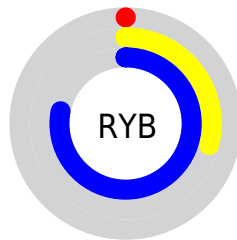
The Android color `4278220742` is a dark color, and the websafe version is hex `0099FF`. The color can be described as dark washed azure. A complement of this color would be `4291186432`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4284591103`, and `4278208400` is the 20% darker color. If you saturate the color by 10%, you get `4278220742`, and if you desaturate by 10%, it is `4279533510`.

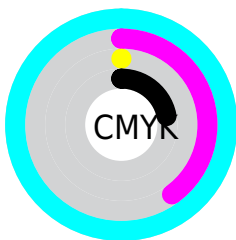
Distribution



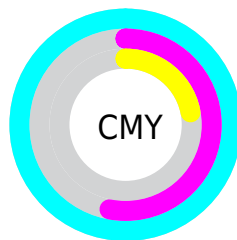
- Red (0%)
- Green (47%)
- Blue (78%)



- Red (0%)
- Yellow (29%)
- Blue (78%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (53%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278220742 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 4278220742 by changing the saturation by 10% instead.

 4278220742

 4278220742

4294967295

 4278214570

 4284591103

 4278208400

 4286629631

 4278202997

 4288668415

 4278197852

 4290641663

 4278192196

 4292673535

 4278190893

 4294639615

 4278190359

 4278190080

 4278220742

■ 4279533510

■ 4280846278

■ 4282093510

■ 4283406278

■ 4284719046

■ 4286031558

■ 4287344326

■ 4288591558

■ 4289904326

Harmonies

Analogous

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



4278223548



4278220742



4286146489

Triad

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



4278220742



4290466633



4279600203

Complementary

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



4278220742



4291186432

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.



4284251688



4278220742



4289159977

Square

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



4278220742



4290596210



4287001368



4278224758

Rectangle

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



4278220742



4288371622



4287001368



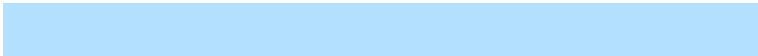
4281762622

Sweetspot

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



4278220742



4289978623



4278240844



4283592064



4278190080



4286611584

Same Dimension

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



4278220742



4278229503



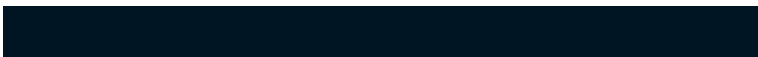
4278196166



4284112739



4278215331



4278195492

Inverse Universe

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



4291166327



4294901913



4291211008



4284701279



4288872546



4280549397

Previews

White Background



This preview shows how the Android color 4278220742 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 4278220742 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 4278220742 Background



This preview shows how black text looks on a background with the Android color 4278220742.



This preview shows how white text looks on a background with the Android color 4278220742.

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
4278220742

Protanomaly
4281627586

Deuteranomaly
4280317383

Tritanomaly
4278222239

Monochromacy



Original Color
4278220742

Achromatopsia
4284243036

Achromatomaly
4282082947

CSS Examples

Text

The CSS property to change the color of the text to Android 4278220742 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 198) }
```

Border

The CSS property to change the border of an element to Android 4278220742 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, 198) }
```

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

```
.border{ border-color:rgb(0, 119, 198) }
```

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, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 198);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
198) }
```

Background

The CSS property to change the background color of an element to Android 4278220742 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, 198) }
```

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

```
.background{ background-color: rgb(0, 119,  
198) }
```

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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