

Converting Colors

Android(4278220963)

Have a look what the booklet for
Android(4278220963) contains.

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Color

Android(4278220963)

Conversions

Conversions Part 1

Format	Color
Hex	0078A3
RGB	0, 120, 163
RGB Percent	0%, 47%, 64%
CMY	1.0000, 0.5294, 0.3608
CMYK	1.00, 0.26, 0.00, 0.36
HSL	196°, 100%, 32%
HSV	196°, 100%, 64%
XYZ	13.3273, 16.0773, 37.0511
YIQ	89.0220, -85.3230, -12.0670

Conversions

Conversions Part 2

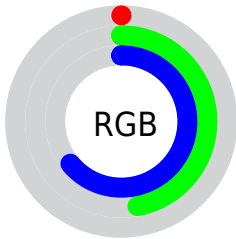
Format	Color
RYB	0, 69, 163
Decimal	30883
CIELab	47.08, -12.12, -30.88
CIELCh	47, 33.171, 248.572
Yxy	16.0773, 0.2005, 0.2419
Android (android.graphics.Color)	4278220963 (0xFF0078A3)
YUV	89.0220, 36.4712, -78.0723
Hunter-Lab	40.0965, -10.8388, -26.7193

Details

The Android color `4278220963` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288883456`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4284001498`, and `4278208623` is the 20% darker color. If you saturate the color by 10%, you get `4278220963`, and if you desaturate by 10%, it is `4279270563`.

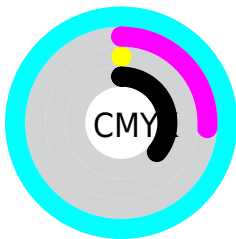
Distribution



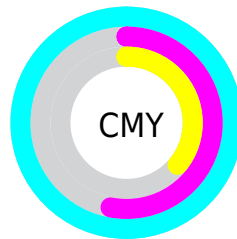
- Red (0%)
- Green (47%)
- Blue (64%)



- Red (0%)
- Yellow (27%)
- Blue (64%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (53%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278220963 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 4278220963 by changing the saturation by 10% instead.



4278220963



4278220963

4294967295



4278214537



4284001498



4278208623



4285974775



4278202710



4287948031



4278197567



4289855487



4278190889



4291821567



4278190355



4293787647



4278190080



4278220963



4279270563

■ 4280385955

■ 4281435555

■ 4282485155

■ 4283600547

■ 4284650147

■ 4285699747

■ 4286749347

■ 4287864739

Harmonies

Analogous

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



4278222226



4278220963



4283527335

Triad

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



4278220963



4289026409



4284184643

Complementary

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



4278220963



4288883456

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.



4286148919



4278220963



4288765518

Square

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



4278220963



4288240773



4287719228



4281761114

Rectangle

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



4278220963



4285557153



4287719228



4284905021

Sweetspot

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



4278220963



4287939540



4278231849



4282737003



4293651435



4285229931

Same Dimension

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



4278220963



4278230228



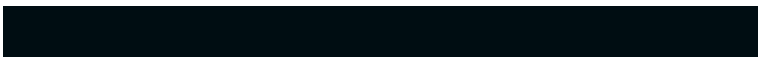
4278200739



4282994514



4278217617



4278193426

Inverse Universe

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



4288872568



4292083868



4288903680



4283582799



4287692907



4279369741

Previews

White Background



This preview shows how the Android color 4278220963 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 4278220963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

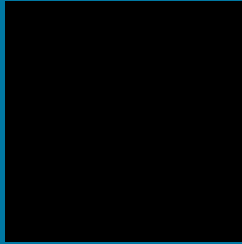
Any Text WCAG AA × Fail

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 4278220963 Background



This preview shows how black text looks on a background with the Android color 4278220963.



This preview shows how white text looks on a background with the Android color 4278220963.

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
4278220963

Protanomaly
4282282654

Deuteranomaly
4281889444

Tritanomaly
4278221712

Monochromacy



Original Color
4278220963

Achromatopsia
4284045657

Achromatomaly
4281951348

CSS Examples

Text

The CSS property to change the color of the text to Android 4278220963 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, 120, 163)` looks like.

```
.text, #text, p{  
    color:rgb(0, 120, 163)  
}
```

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, 120, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 120, 163) }
```

Border

The CSS property to change the border of an element to Android 4278220963 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, 120, 163) }
```

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

```
.border{ border-color:rgb(0, 120, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 120, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 120, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 120, 163);  
box-shadow:4px 4px 4px 4px rgb(0, 120,  
163) }
```

Background

The CSS property to change the background color of an element to Android 4278220963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 120, 163) }
```

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

```
.background{ background-color: rgb(0, 120,  
163) }
```

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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