

Converting Colors

Android(4278220384)

Have a look what the booklet for
Android(4278220384) contains.

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Color

Android(4278220384)

Conversions

Conversions Part 1

Format	Color
Hex	007660
RGB	0, 118, 96
RGB Percent	0%, 46%, 38%
CMY	1.0000, 0.5373, 0.6235
CMYK	1.00, 0.00, 0.19, 0.54
HSL	169°, 100%, 23%
HSV	169°, 100%, 46%
XYZ	8.5898, 13.8014, 13.2775
YIQ	80.2100, -63.2660, -31.8580

Conversions

Conversions Part 2

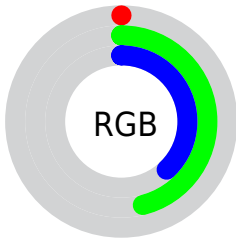
Format	Color
RYB	0, 65, 118
Decimal	30304
CIELab	43.95, -34.01, 4.18
CIELCh	44, 34.267, 172.996
Yxy	13.8014, 0.2408, 0.3869
Android (android.graphics.Color)	4278220384 (0xFF007660)
YUV	80.2100, 7.7845, -70.3442
Hunter-Lab	37.1502, -23.7407, 4.8148

Details

The Android color `4278220384` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285923350`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4283214738`, and `4278207794` is the 20% darker color. If you saturate the color by 10%, you get `4278220384`, and if you desaturate by 10%, it is `4279006818`.

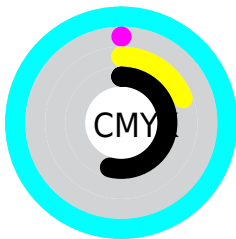
Distribution



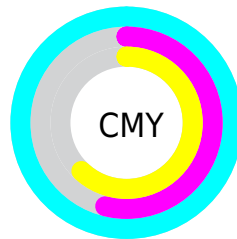
- Red (0%)
- Green (46%)
- Blue (38%)



- Red (0%)
- Yellow (25%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278220384 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 4278220384 by changing the saturation by 10% instead.

 4278220384

 4278220384

4294967295

 4278213960

 4283214738

 4278207794

 4285122477

 4278201629

 4286964680

 4278195715

 4288806884

 4278190080

 4290707455

 4292607999

 4294508543

 4278220384

■ 4279006818

■ 4279793252

■ 4280514151

■ 4281300585

■ 4282087019

■ 4282873453

■ 4283659887

■ 4284380786

■ 4285167220

Harmonies

Analogous

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



4282479428



4278220384



4278220413

Triad

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



4278220384



4284507036



4287846971

Complementary

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



4278220384



4285923350

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.



4288500307



4278220384



4286929034

Square

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



4278220384



4280511904



4288237936



4286538798

Rectangle

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



4278220384



4278220174



4288237936



4288173634

Sweetspot

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



4278220384



4285241744



4279793152



4281421127



4291611852



4283256141

Same Dimension

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



4278220384



4278229372



4278211446



4281678650



4278221412



4278254283

Inverse Universe

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



4285923350



4288217117



4285932288



4282070326



4286185495



4294574127

Previews

White Background



This preview shows how the Android color 4278220384 looks on a white background.

Color Contrast Check

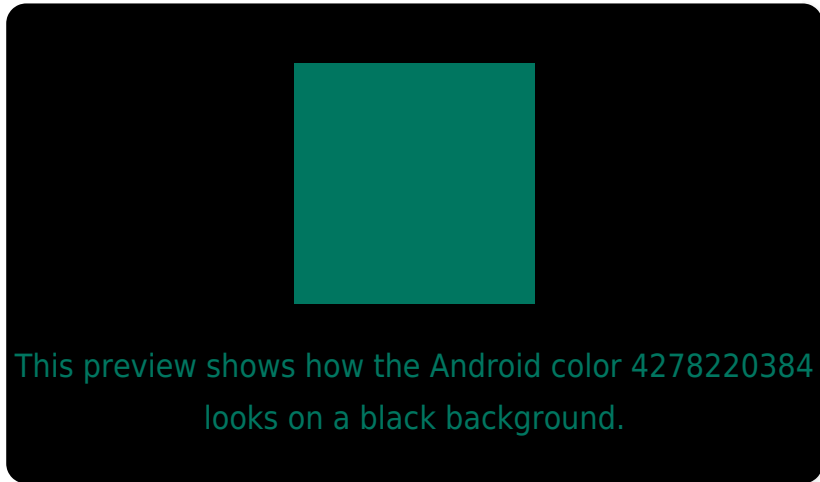
Large Text (above 18pt) WCAG AA ✓ Pass

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

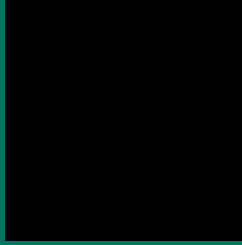
Any Text WCAG AA × Fail

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 4278220384 Background



This preview shows how black text looks on a background with the Android color 4278220384.

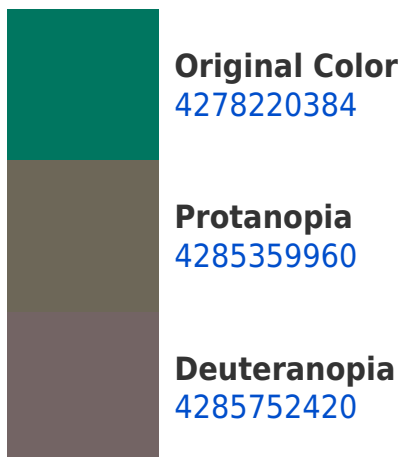


This preview shows how white text looks on a background with the Android color 4278220384.

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



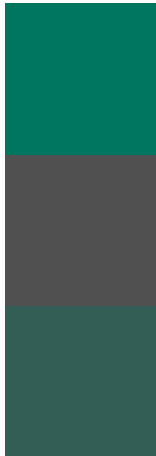
Original Color
4278220384

Protanomaly
4282739803

Deuteranomaly
4283001699

Tritanomaly
4279661426

Monochromacy



Original Color
4278220384

Achromatopsia
4283453520

Achromatomaly
4281556566

CSS Examples

Text

The CSS property to change the color of the text to Android 4278220384 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, 118, 96)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 96)  
}
```

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, 118, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 96) }
```

Border

The CSS property to change the border of an element to Android 4278220384 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, 118, 96) }
```

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

```
.border{ border-color:rgb(0, 118, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 118, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 96);  
box-shadow:4px 4px 4px 4px rgb(0, 118, 96)  
}
```

Background

The CSS property to change the background color of an element to Android 4278220384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 96) }
```

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

```
.background{ background-color: rgb(0, 118,  
96) }
```

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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