

Converting Colors

Android(4278228832)

Have a look what the booklet for
Android(4278228832) contains.

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Color

Android(4278228832)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 009760 |
| RGB | 0, 151, 96 |
| RGB Percent | 0%, 59%, 38% |
| CMY | 1.0000, 0.4078, 0.6235 |
| CMYK | 1.00, 0.00, 0.36, 0.41 |
| HSL | 158°, 100%, 30% |
| HSV | 158°, 100%, 59% |
| XYZ | 13.1779, 22.9777, 14.8069 |
| YIQ | 99.5810, -72.3410, -49.1170 |

Conversions

Conversions Part 2

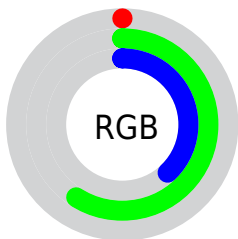
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 92, 151 |
| Decimal | 38752 |
| CIELab | 55.05, -47.46, 19.65 |
| CIELCh | 55, 51.369, 157.509 |
| Yxy | 22.9777, 0.2586, 0.4509 |
| Android (android.graphics.Color) | 4278228832 (0xFF009760) |
| YUV | 99.5810, -1.7654, -87.3325 |
| Hunter-Lab | 47.9351, -34.8147, 15.2402 |

Details

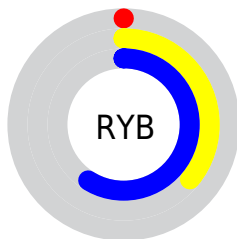
The Android color `4278228832` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4288086071`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4283879059`, and `4278215473` is the 20% darker color. If you saturate the color by 10%, you get `4278228832`, and if you desaturate by 10%, it is `4279211877`.

Distribution



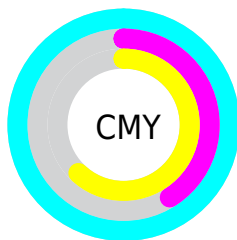
- Red (0%)
- Green (59%)
- Blue (38%)



- Red (0%)
- Yellow (36%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278228832 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 4278228832 by changing the saturation by 10% instead.

 4278228832

 4278228832

4294967295

 4278221896

 4283879059

 4278215473

 4285852590


 4278209051

 4287758281

 4278202883

 4289658853

 4278196736

 4291624959


 4278190080

 4293525503

 4278228832

 4279211877

 4280194923

 4281177968

 4282161014

 4283209595

 4284192641

 4285175686

 4286158732

 4287141778

Harmonies

Analogous

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



4284649529



4278228832



4278229390

Triad

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



4278228832



4282287580



4291781712

Complementary

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



4278228832



4288086071

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.



4292172666



4278228832



4287984587

Square

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



4278228832



4278227670



4290929319



4290213167

Rectangle

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



4278228832



4278229420



4290929319



4292042589

Sweetspot

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



4278228832



4287218863



4281833216



4282409814



4293125091



4284703587

Same Dimension

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



4278228832



4278240381



4278223767



4282731850



4278226009



4278193416

Inverse Universe

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



4288086071



4291035208



4288091136



4283254088



4287365171



4279042053

Previews

White Background



This preview shows how the Android color 4278228832 looks on a white background.

Color Contrast Check

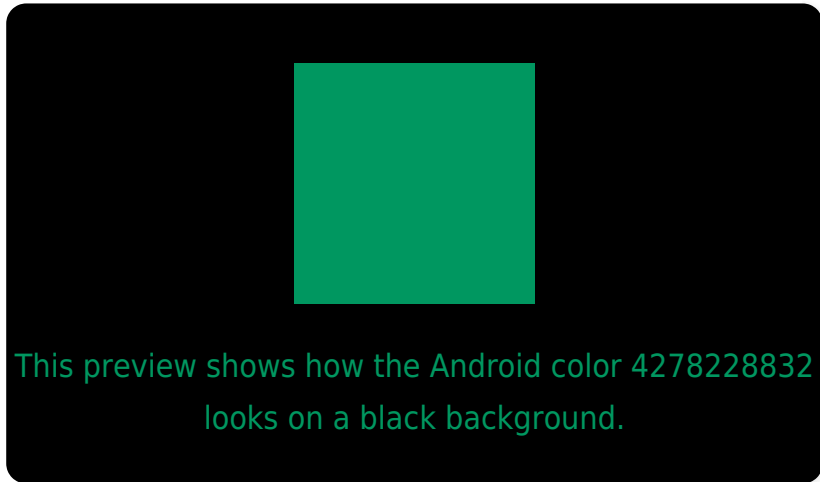
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 4278228832 Background



This preview shows how black text looks on a background with the Android color 4278228832.

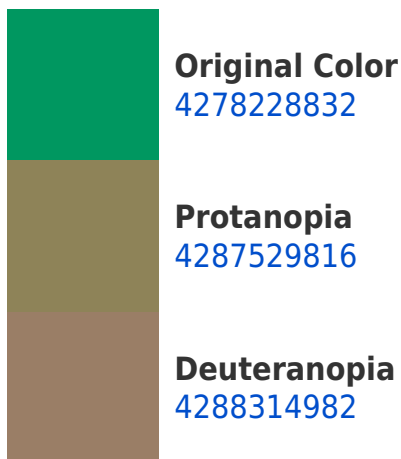


This preview shows how white text looks on a background with the Android color 4278228832.

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

4278228832



Protanomaly

4284123739



Deuteranomaly

4284647268



Tritanomaly

4280456070

Monochromacy



Original Color

4278228832



Achromatopsia

4284769380



Achromatomaly

4282414947

CSS Examples

Text

The CSS property to change the color of the text to Android 4278228832 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, 151, 96)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 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, 151, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 96) }
```

Border

The CSS property to change the border of an element to Android 4278228832 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, 151, 96) }
```

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

```
.border{ border-color:rgb(0, 151, 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, 151, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 96);  
box-shadow:4px 4px 4px 4px rgb(0, 151, 96)  
}
```

Background

The CSS property to change the background color of an element to Android 4278228832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 96) }
```

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

```
.background{ background-color: rgb(0, 151,  
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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