

Converting Colors

Android(4278228582)

Have a look what the booklet for
Android(4278228582) contains.

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Color

Android(4278228582)

Conversions

Conversions Part 1

Format	Color
Hex	009666
RGB	0, 150, 102
RGB Percent	0%, 59%, 40%
CMY	1.0000, 0.4118, 0.6000
CMYK	1.00, 0.00, 0.32, 0.41
HSL	161°, 100%, 29%
HSV	161°, 100%, 59%
XYZ	13.3046, 22.7720, 16.2646
YIQ	99.6780, -73.9920, -46.7280

Conversions

Conversions Part 2

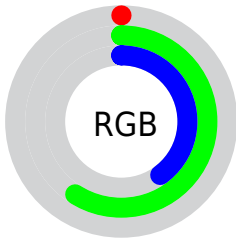
Format	Color
RYB	0, 89, 150
Decimal	38502
CIELab	54.84, -45.72, 16.01
CIELCh	55, 48.442, 160.696
Yxy	22.7720, 0.2542, 0.4351
Android (android.graphics.Color)	4278228582 (0xFF009666)
YUV	99.6780, 1.1447, -87.4176
Hunter-Lab	47.7200, -33.7432, 13.1960

Details

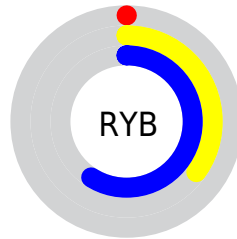
The Android color **4278228582** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **4288020528**, and the grayscale version is **4284769380**.

A 20% lighter version of the original color is **4283878809**, and **4278215223** is the 20% darker color. If you saturate the color by 10%, you get **4278228582**, and if you desaturate by 10%, it is **4279211627**.

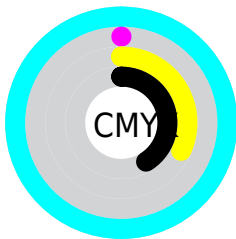
Distribution



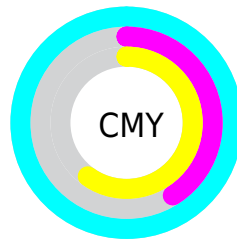
- Red (0%)
- Green (59%)
- Blue (40%)



- Red (0%)
- Yellow (35%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278228582 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 4278228582 by changing the saturation by 10% instead.



4278228582



4278228582

4294967295



4278221646



4283878809



4278215223



4285786804



4278208801



4287758288



4278202635



4289658860



4278196736



4291559423



4278190080



4293525503




4278228582



4279211627

 4280194672

 4281177716

 4282160761

 4283143806

 4284126851

 4285109896

 4286092940

 4287075985

Harmonies

Analogous

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



4284387392



4278228582



4278229137

Triad

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



4278228582



4283532246



4291389263

Complementary

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



4278228582



4288020528

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.



4291911286



4278228582



4288246467

Square

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



4278228582



4278226898



4290929312



4289820466

Rectangle

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



4278228582



4278228909



4290929312



4291715931

Sweetspot

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



4278228582



4287152815



4281505280



4282278230



4292927712



4284572001

Same Dimension

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



4278228582



4278239876



4278222230



4282600008



4278225502



4278192647

Inverse Universe

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



4288020528



4290904126



4288026880



4283056965



4287234092



4278845443

Previews

White Background



This preview shows how the Android color 4278228582 looks on a white background.

Color Contrast Check

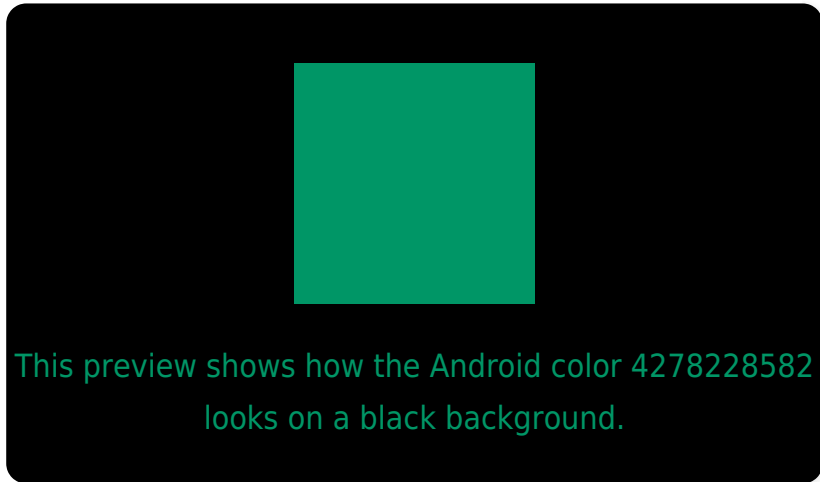
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278228582 Background



This preview shows how black text looks on a background with the Android color 4278228582.

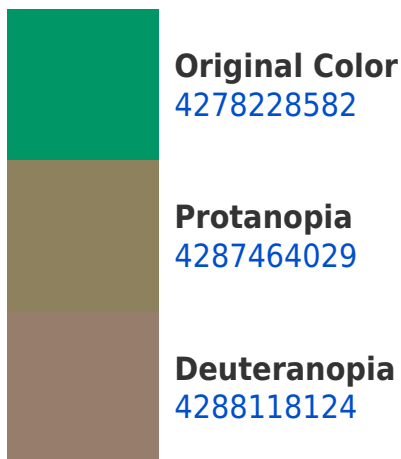


This preview shows how white text looks on a background with the Android color 4278228582.

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

4278228582



Protanomaly

4284123488



Deuteranomaly

4284515946



Tritanomaly

4280324744

Monochromacy



Original Color

4278228582



Achromatopsia

4284769380



Achromatomaly

4282414693

CSS Examples

Text

The CSS property to change the color of the text to Android 4278228582 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, 150, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 102)  
}
```

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, 150, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 102) }
```

Border

The CSS property to change the border of an element to Android 4278228582 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, 150, 102) }
```

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

```
.border{ border-color:rgb(0, 150, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 150, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 150,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4278228582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 102) }
```

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

```
.background{ background-color: rgb(0, 150,  
102) }
```

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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