

Converting Colors

Android(4278562158)

Have a look what the booklet for
Android(4278562158) contains.

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Color

Android(4278562158)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 05AD6E |
| RGB | 5, 173, 110 |
| RGB Percent | 2%, 68%, 43% |
| CMY | 0.9804, 0.3216, 0.5686 |
| CMYK | 0.97, 0.00, 0.36, 0.32 |
| HSL | 158°, 94%, 35% |
| HSV | 158°, 97%, 68% |
| XYZ | 17.8206, 31.0452, 19.8049 |
| YIQ | 115.5860, -79.9050, -55.2090 |

Conversions

Conversions Part 2

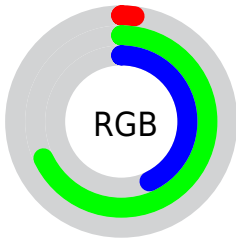
| Format | Color |
|-------------------------------------|---|
| RYB | 5, 108, 173 |
| Decimal | 372078 |
| CIELab | 62.55, -52.38, 22.11 |
| CIELCh | 63, 56.857, 157.121 |
| Yxy | 31.0452, 0.2595, 0.4521 |
| Android (android.graphics.Color) | 4278562158 (0xFF05AD6E) |
| YUV | 115.5860, -2.7539, -96.9839 |
| Hunter-Lab | 55.7182, -40.4163, 17.9282 |

Details

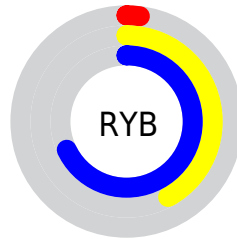
The Android color **4278562158** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **4289529156**, and the grayscale version is **4285822068**.

A 20% lighter version of the original color is **4284409506**, and **4278220606** is the 20% darker color. If you saturate the color by 10%, you get **4278234476**, and if you desaturate by 10%, it is **4279676276**.

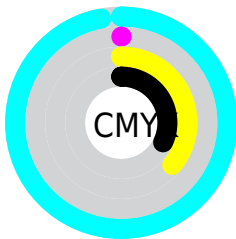
Distribution



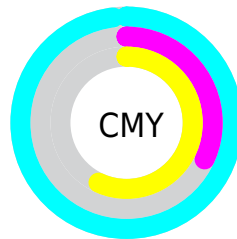
- Red (2%)
- Green (68%)
- Blue (43%)



- Red (2%)
- Yellow (42%)
- Blue (68%)



- Cyan (97%)
- Magenta (0%)
- Yellow (36%)
- Black (32%)



- Cyan (98%)
- Magenta (32%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278562158 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 4278562158 by changing the saturation by 10% instead.



4278562158



4278562158

4294967295



4278227541



4284409506



4278220606



4286382013



4278213927



4288348121



4278207505



4290314230



4278201856



4292280319



4278194176



4294311935



4278190080



4278562158



4278562158




4278234476



4279676276

 4280855931

 4281970049

 4283084168

 4284263822

 4285377941

 4286492059

 4287606178

 4288785832

Harmonies

Analogous

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



4285703746



4278562158



4278235298

Triad

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



4278562158



4282817020



4293751645

Complementary

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



4278562158



4289529156

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.



4294142349



4278562158



4289365480

Square

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



4278562158



4278233076



4292768192



4291921464

Rectangle

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



4278562158



4278235076



4292768192



4294078060

Sweetspot

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



4278562158



4288667848



4282756357



4283002977



4293980400



4285558896

Same Dimension

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



4278562158



4278247564



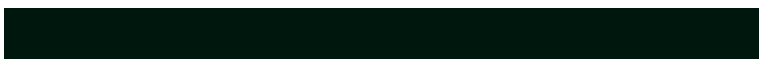
4278557101



4283324243



4278228574



4278195982

Inverse Universe

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



4289529156



4292870228



4289534213



4283911761



4288020536



4279697417

Previews

White Background



This preview shows how the Android color 4278562158 looks on a white background.

Color Contrast Check

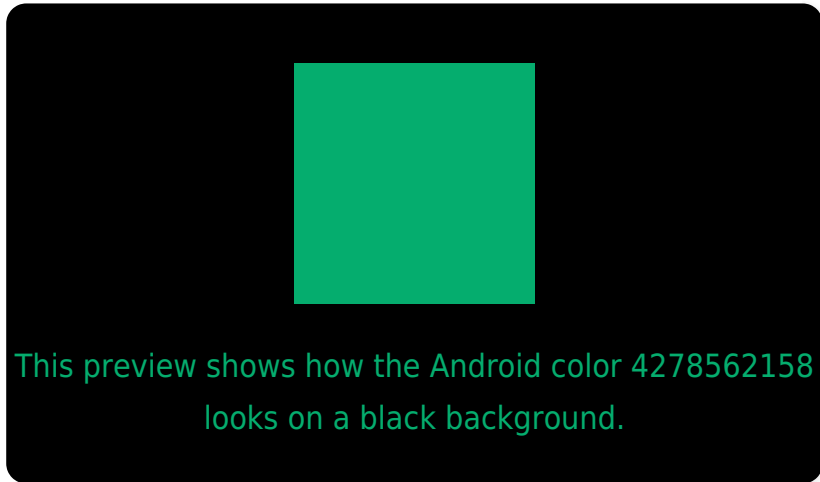
Large Text (above 18pt) WCAG AA × Fail

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

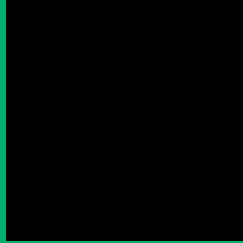
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278562158 Background



This preview shows how black text looks on a background with the Android color 4278562158.



This preview shows how white text looks on a background with the Android color 4278562158.

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

4278562158



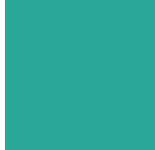
Protanomaly

4285177448



Deuteranomaly

4285700978



Tritanomaly

4280920217

Monochromacy



Original Color

4278562158



Achromatopsia

4285822068



Achromatomaly

4283206002

CSS Examples

Text

The CSS property to change the color of the text to Android 4278562158 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(5, 173, 110)` looks like.

```
.text, #text, p{  
    color:rgb(5, 173, 110)  
}
```

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(5, 173, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 173, 110) }
```

Border

The CSS property to change the border of an element to Android 4278562158 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(5, 173, 110) }
```

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

```
.border{ border-color:rgb(5, 173, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 173, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 173, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 173, 110);  
box-shadow:4px 4px 4px 4px rgb(5, 173,  
110) }
```

Background

The CSS property to change the background color of an element to Android 4278562158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 173, 110) }
```

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

```
.background{ background-color: rgb(5, 173,  
110) }
```

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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