

Converting Colors

Android(4278245760)

Have a look what the booklet for
Android(4278245760) contains.

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Color

Android(4278245760)

Conversions

Conversions Part 1

Format	Color
Hex	00D980
RGB	0, 217, 128
RGB Percent	0%, 85%, 50%
CMY	1.0000, 0.1490, 0.4980
CMYK	1.00, 0.00, 0.41, 0.15
HSL	155°, 100%, 43%
HSV	155°, 100%, 85%
XYZ	28.7091, 51.1842, 28.7885
YIQ	141.9710, -100.7630, -73.6830

Conversions

Conversions Part 2

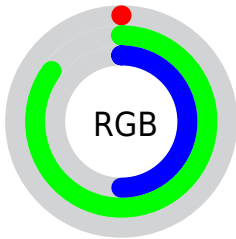
Format	Color
RYB	0, 136, 217
Decimal	55680
CIELab	76.79, -64.48, 31.62
CIELCh	77, 71.816, 153.879
Yxy	51.1842, 0.2642, 0.4710
Android (android.graphics.Color)	4278245760 (0xFF00D980)
YUV	141.9710, -6.8877, -124.5086
Hunter-Lab	71.5431, -53.5713, 26.2223

Details

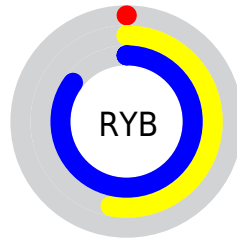
The Android color `4278245760` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4292411481`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4285136822`, and `4278231374` is the 20% darker color. If you saturate the color by 10%, you get `4278245760`, and if you desaturate by 10%, it is `4279687561`.

Distribution



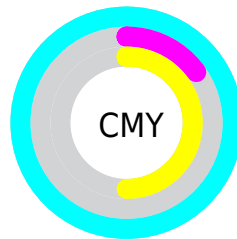
- Red (0%)
- Green (85%)
- Blue (50%)



- Red (0%)
- Yellow (53%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278245760 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 4278245760 by changing the saturation by 10% instead.

 4278245760

 4278245760

4294967295

 4278238310

 4285136822

 4278231374

 4287299537

 4278224181

 4289396718

 4278217502

 4291428351

 4278210820

 4293459967

 4278204672

 4278198272

 4278190080

 4278245760

 4279687561

 4281063826

 4282505627


 4283947428

 4285389229

 4286765493

 4288207294

 4289649095

 4291025360

Harmonies

Analogous

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



4287876934



4278245760



4278246852

Triad

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



4278245760



4279157503



4294937207

Complementary

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



4278245760



4292411481

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.



4294934200



4278245760



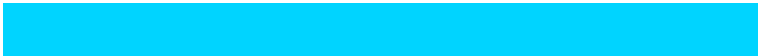
4291471615

Square

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



4278245760



4278244607



4294937849



4294943810

Rectangle

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



4278245760



4278246897



4294937849



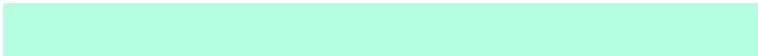
4294935692

Sweetspot

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



4278245760



4289986528



4284143872



4283596909



4278190080



4286611584

Same Dimension

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



4278245760



4278255510



4278241241



4284706409



4278234470



4278201883

Inverse Universe

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



4292411481



4294901865



4292416000



4285424487



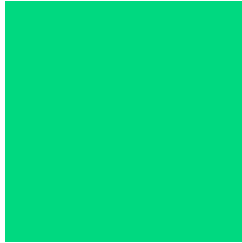
4289527879



4281204755

Previews

White Background



This preview shows how the Android color 4278245760 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



This preview shows how the Android color 4278245760 looks on a 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 4278245760 Background



This preview shows how black text looks on a background with the Android color 4278245760.

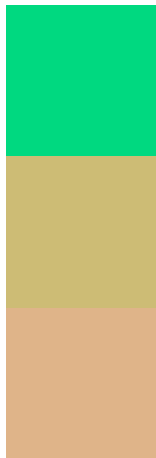


This preview shows how white text looks on a background with the Android color 4278245760.

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



Original Color
4278245760

Protanopia
4291673205

Deuteranopia
4292850825

Trichromacy



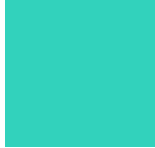
Original Color
4278245760



Protanomaly
4286760825



Deuteranomaly
4287545734



Tritanomaly
4281520828

Monochromacy



Original Color
4278245760



Achromatopsia
4287532686



Achromatomaly
4284131721

CSS Examples

Text

The CSS property to change the color of the text to Android 4278245760 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, 217, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 217, 128)  
}
```

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, 217, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 217, 128) }
```

Border

The CSS property to change the border of an element to Android 4278245760 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, 217, 128) }
```

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

```
.border{ border-color:rgb(0, 217, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 217, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 217, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 217, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 217,  
128) }
```

Background

The CSS property to change the background color of an element to Android 4278245760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 217, 128) }
```

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

```
.background{ background-color: rgb(0, 217,  
128) }
```

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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