

Converting Colors

Android(4278245558)

Have a look what the booklet for
Android(4278245558) contains.

Android(4278245558)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278245558)

Conversions

Conversions Part 1

Format	Color
Hex	00D8B6
RGB	0, 216, 182
RGB Percent	0%, 85%, 71%
CMY	1.0000, 0.1529, 0.2863
CMYK	1.00, 0.00, 0.16, 0.15
HSL	171°, 100%, 42%
HSV	171°, 100%, 85%
XYZ	32.9994, 52.4891, 52.6481
YIQ	147.5400, -117.8220, -56.3660

Conversions

Conversions Part 2

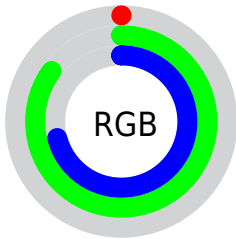
Format	Color
RYB	0, 117, 216
Decimal	55478
CIELab	77.57, -51.91, 4.35
CIELCh	78, 52.092, 175.205
Yxy	52.4891, 0.2389, 0.3800
Android (android.graphics.Color)	4278245558 (0xFF00D8B6)
YUV	147.5400, 16.9888, -129.3926
Hunter-Lab	72.4494, -45.4829, 7.6292

Details

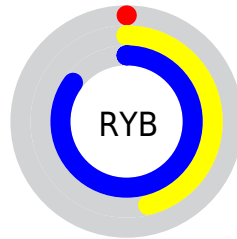
The Android color **4278245558** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **4292345890**, and the grayscale version is **4287861651**.

A 20% lighter version of the original color is **4285267950**, and **4278231169** is the 20% darker color. If you saturate the color by 10%, you get **4278245558**, and if you desaturate by 10%, it is **4279687353**.

Distribution



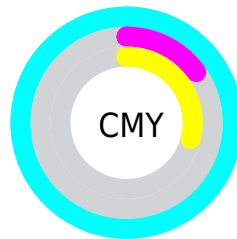
- Red (0%)
- Green (85%)
- Blue (71%)



- Red (0%)
- Yellow (46%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278245558 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 4278245558 by changing the saturation by 10% instead.

 4278245558

 4278245558

4294967295

 4278238363

 4285267950


 4278231169

 4287430655

 4278224232

 4289527807

 4278217552

 4291559423

 4278210873

 4293656575

 4278204708

 4278198799

 4278190080

 4278245558

 4279687353

 4281063613

 4282505408

 4283881668

 4285323463

 4286765258

 4288141518

 4289583313

 4290959573

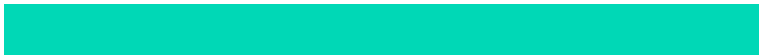
Harmonies

Analogous

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



4286239623



4278245558



4278245607

Triad

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



4278245558



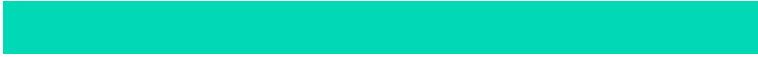
4290295551



4294945138

Complementary

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



4278245558



4292345890

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.



4294941593



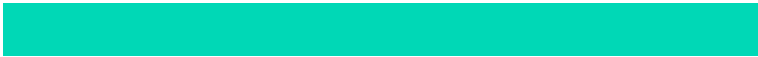
4278245558



4294223095

Square

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



4278245558



4284073983



4294940873



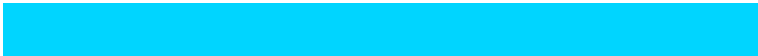
4293179997

Rectangle

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



4278245558



4278244863



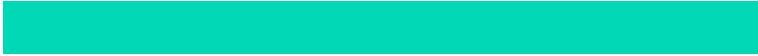
4294940873



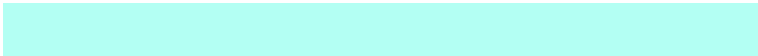
4294943613

Sweetspot

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



4278245558



4289986547



4280604672



4283596920



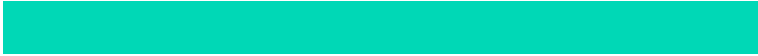
4278190080



4286611584

Same Dimension

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



4278245558



4278255575



4278227160



4284509033



4278234000



4278201125

Inverse Universe

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



4292345890



4294901800



4292364288



4285227106



4289396763



4281008135

Previews

White Background



This preview shows how the Android color 4278245558 looks on a white background.

Color Contrast Check

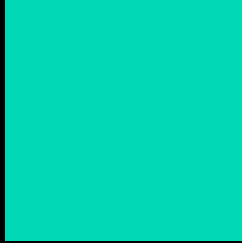
Large Text (above 18pt) WCAG AA × Fail

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 4278245558 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 4278245558 Background



This preview shows how black text looks on a background with the Android color 4278245558.

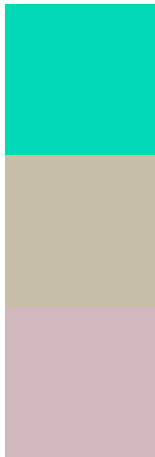


This preview shows how white text looks on a background with the Android color 4278245558.

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

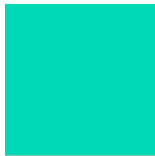


Original Color
4278245558

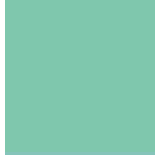
Protanopia
4291280552

Deuteranopia
4291934397

Trichromacy



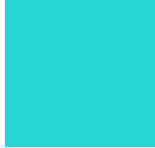
Original Color
4278245558



Protanomaly
4286564269



Deuteranomaly
4286956730



Tritanomaly
4280800467

Monochromacy



Original Color
4278245558



Achromatopsia
4287927444



Achromatomaly
4284394912

CSS Examples

Text

The CSS property to change the color of the text to Android 4278245558 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, 216, 182)` looks like.

```
.text, #text, p{  
    color:rgb(0, 216, 182)  
}
```

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, 216, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 216, 182) }
```

Border

The CSS property to change the border of an element to Android 4278245558 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, 216, 182) }
```

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

```
.border{ border-color:rgb(0, 216, 182) }
```

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

Here you see how a box with a 4 pixel rgb(0, 216, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 216, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 216, 182);  
box-shadow:4px 4px 4px 4px rgb(0, 216,  
182) }
```

Background

The CSS property to change the background color of an element to Android 4278245558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 216, 182) }
```

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

```
.background{ background-color: rgb(0, 216,  
182) }
```

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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