

Converting Colors

Android(4278245036)

Have a look what the booklet for
Android(4278245036) contains.

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Color

Android(4278245036)

Conversions

Conversions Part 1

Format	Color
Hex	00D6AC
RGB	0, 214, 172
RGB Percent	0%, 84%, 67%
CMY	1.0000, 0.1608, 0.3255
CMYK	1.00, 0.00, 0.20, 0.16
HSL	168°, 100%, 42%
HSV	168°, 100%, 84%
XYZ	31.4930, 51.0717, 47.2277
YIQ	145.2260, -114.0620, -58.4300

Conversions

Conversions Part 2

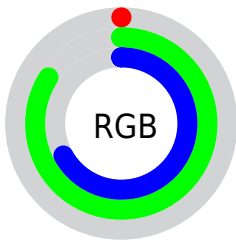
Format	Color
RYB	0, 119, 214
Decimal	54956
CIELab	76.72, -53.68, 8.47
CIELCh	77, 54.342, 171.031
Yxy	51.0717, 0.2426, 0.3935
Android (android.graphics.Color)	4278245036 (0xFF00D6AC)
YUV	145.2260, 13.1996, -127.3632
Hunter-Lab	71.4645, -46.4014, 10.8430

Details

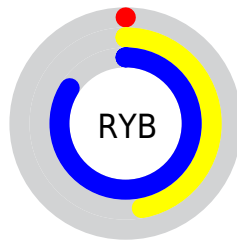
The Android color `4278245036` is a dark color, and the websafe version is hex `00CC99`. The color can be described as dark washed spring green. A complement of this color would be `4292214826`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4285202403`, and `4278230648` is the 20% darker color. If you saturate the color by 10%, you get `4278245036`, and if you desaturate by 10%, it is `4279621296`.

Distribution



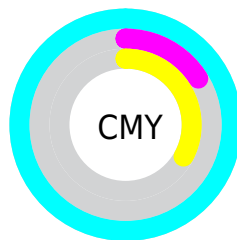
- Red (0%)
- Green (84%)
- Blue (67%)



- Red (0%)
- Yellow (47%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278245036 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 4278245036 by changing the saturation by 10% instead.

 4278245036

 4278245036

4294967295

 4278237841

 4285202403


 4278230648

 4287365119

 4278223711

 4289396735

 4278217031

 4291493887

 4278210353

 4293525503

 4278204188

 4278198019

 4278190080

 4278245036

 4279621296

 4281063092

 4282439353

 4283881149

 4285257409

 4286633669

 4288075465

 4289451726

 4290893522

Harmonies

Analogous

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



4286435452



4278245036



4278245344

Triad

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



4278245036



4289312511



4294943601

Complementary

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



4278245036



4292214826

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.



4294940060



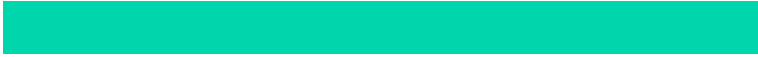
4278245036



4293763837

Square

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



4278245036



4281387007



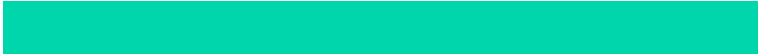
4294940111



4293440856

Rectangle

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



4278245036



4278244606



4294940111



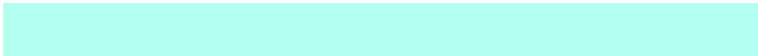
4294942078

Sweetspot

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



4278245036



4289986544



4281062912



4283596918



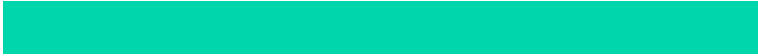
4278190080



4286611584

Same Dimension

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



4278245036



4278255565



4278228694



4284509033



4278233993



4278201123

Inverse Universe

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



4292214826



4294901810



4292231168



4285227106



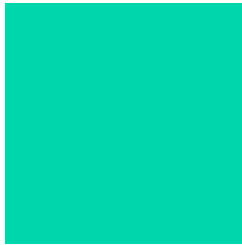
4289396770



4281008137

Previews

White Background



This preview shows how the Android color 4278245036 looks on a white background.

Color Contrast Check

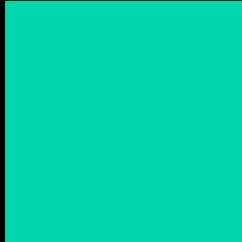
Large Text (above 18pt) WCAG AA × Fail

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 4278245036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

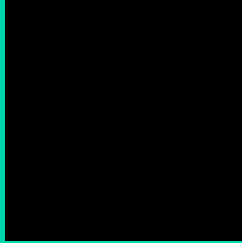
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

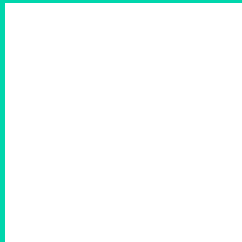
Any Text WCAG AAA ✓ Pass

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

Android 4278245036 Background



This preview shows how black text looks on a background with the Android color 4278245036.

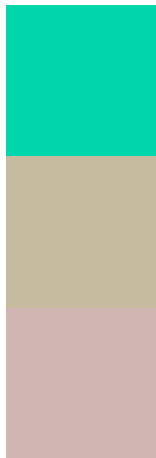


This preview shows how white text looks on a background with the Android color 4278245036.

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](#).

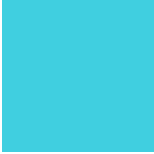
Dichromacy



Original Color
4278245036

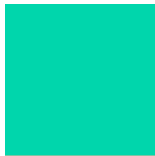
Protanopia
4291214238

Deuteranopia
4291933619



Tritanopia
4282437600

Trichromacy



Original Color

4278245036



Protanomaly

4286498211



Deuteranomaly

4286955952



Tritanomaly

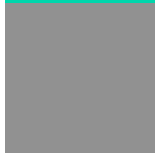
4280931021

Monochromacy



Original Color

4278245036



Achromatopsia

4287730065



Achromatomaly

4284263067

CSS Examples

Text

The CSS property to change the color of the text to Android 4278245036 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, 214, 172)` looks like.

```
.text, #text, p{  
    color:rgb(0, 214, 172)  
}
```

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, 214, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 214, 172) }
```

Border

The CSS property to change the border of an element to Android 4278245036 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, 214, 172) }
```

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

```
.border{ border-color:rgb(0, 214, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 214, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 214, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 214, 172);  
box-shadow:4px 4px 4px 4px rgb(0, 214,  
172) }
```

Background

The CSS property to change the background color of an element to Android 4278245036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 214, 172) }
```

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

```
.background{ background-color: rgb(0, 214,  
172) }
```

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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