

Converting Colors

Android(4278245048)

Have a look what the booklet for
Android(4278245048) contains.

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Color

Android(4278245048)

Conversions

Conversions Part 1

Format	Color
Hex	00D6B8
RGB	0, 214, 184
RGB Percent	0%, 84%, 72%
CMY	1.0000, 0.1608, 0.2784
CMYK	1.00, 0.00, 0.14, 0.16
HSL	172°, 100%, 42%
HSV	172°, 100%, 84%
XYZ	32.6983, 51.5538, 53.5749
YIQ	146.5940, -117.9140, -54.6980

Conversions

Conversions Part 2

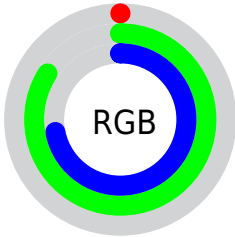
Format	Color
RYB	0, 115, 214
Decimal	54968
CIELab	77.01, -50.57, 2.47
CIELCh	77, 50.632, 177.199
Yxy	51.5538, 0.2372, 0.3740
Android (android.graphics.Color)	4278245048 (0xFF00D6B8)
YUV	146.5940, 18.4412, -128.5629
Hunter-Lab	71.8010, -44.3625, 6.0210

Details

The Android color **4278245048** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **4292214814**, and the grayscale version is **4287861651**.

A 20% lighter version of the original color is **4285202416**, and **4278230659** is the 20% darker color. If you saturate the color by 10%, you get **4278245048**, and if you desaturate by 10%, it is **4279621307**.

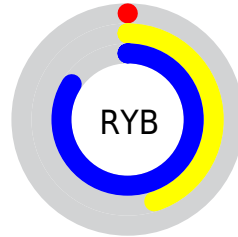
Distribution



Red (0%)

Green (84%)

Blue (72%)



Red (0%)

Yellow (45%)

Blue (84%)

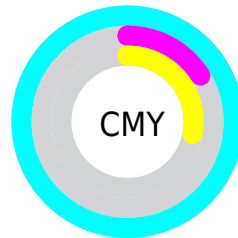


Cyan (100%)

Magenta (0%)

Yellow (14%)

Black (16%)



Cyan (100%)

Magenta (16%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278245048 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 4278245048 by changing the saturation by 10% instead.

 4278245048

 4278245048

4294967295

 4278237853

 4285202416

 4278230659

 4287430655

 4278223722

 4289527807

 4278217042

 4291559423

 4278210619

 4293591039

 4278204197

 4278198545

 4278190080

 4278245048

 4279621307

 4281063102

 4282439361

 4283881156

 4285257415

 4286633674

 4288075469

 4289451728

 4290893523

Harmonies

Analogous

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



4285977226



4278245048



4278245095

Triad

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



4278245048



4290491647



4294945136

Complementary

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



4278245048



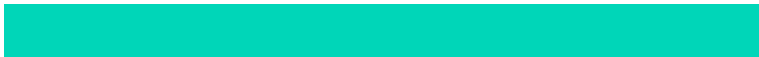
4292214814

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.



4294941590



4278245048



4294222578

Square

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



4278245048



4284859647



4294940868



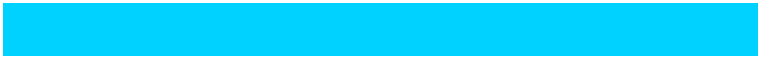
4292852318

Rectangle

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



4278245048



4278244095



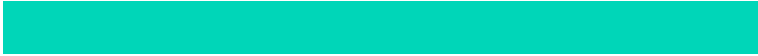
4294940868



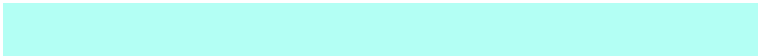
4294943867

Sweetspot

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



4278245048



4289986548



4280342016



4283596921



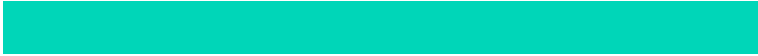
4278190080



4286611584

Same Dimension

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



4278245048



4278255579



4278225878



4284509034



4278234003



4278201125

Inverse Universe

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



4292214814



4294901796



4292233984



4285227106



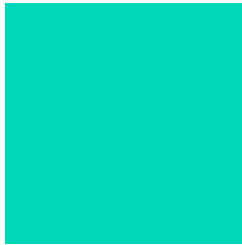
4289396760



4281008134

Previews

White Background



This preview shows how the Android color 4278245048 looks on a white background.

Color Contrast Check

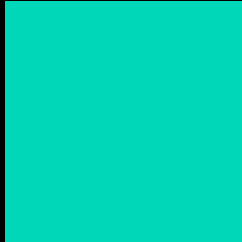
Large Text (above 18pt) WCAG AA × Fail

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 4278245048 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

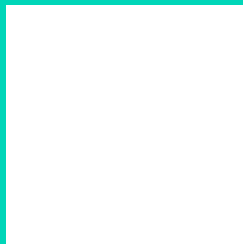
Any Text WCAG AAA ✓ Pass

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

Android 4278245048 Background



This preview shows how black text looks on a background with the Android color 4278245048.

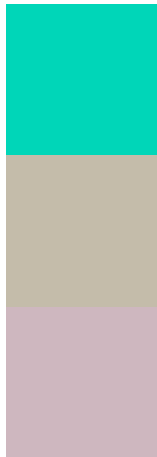


This preview shows how white text looks on a background with the Android color 4278245048.

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

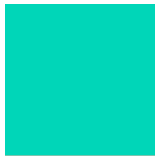


Original Color
4278245048

Protanopia
4291083434

Deuteranopia
4291737535

Trichromacy



Original Color

4278245048



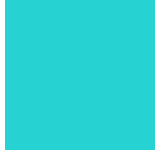
Protanomaly

4286432687



Deuteranomaly

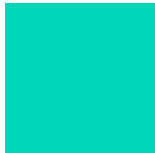
4286825148



Tritanomaly

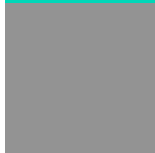
4280734418

Monochromacy



Original Color

4278245048



Achromatopsia

4287861651



Achromatomaly

4284394400

CSS Examples

Text

The CSS property to change the color of the text to Android 4278245048 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(0, 214, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 214, 184) }
```

Border

The CSS property to change the border of an element to Android 4278245048 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, 184) }
```

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

```
.border{ border-color:rgb(0, 214, 184) }
```

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, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 214, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 214, 184);  
box-shadow:4px 4px 4px 4px rgb(0, 214,  
184) }
```

Background

The CSS property to change the background color of an element to Android 4278245048 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, 184) }
```

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

```
.background{ background-color: rgb(0, 214,  
184) }
```

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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