

# Converting Colors

Android(4278311891)

Have a look what the booklet for  
Android(4278311891) contains.

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# **Color**

**Android(4278311891)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01DBD3
RGB	1, 219, 211
RGB Percent	0%, 86%, 83%
CMY	0.9961, 0.1412, 0.1725
CMYK	1.00, 0.00, 0.04, 0.14
HSL	178°, 99%, 43%
HSV	178°, 100%, 86%
XYZ	37.1019, 55.3726, 70.3605
YIQ	152.9060, -127.3600, -48.7040

# Conversions

## Conversions Part 2

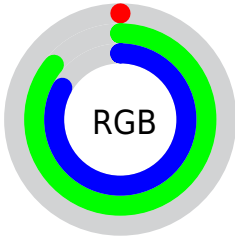
Format	Color
<a href="#">RYB</a>	<a href="#">1, 112, 219</a>
Decimal	<a href="#">121811</a>
CIELab	<a href="#">79.26, -45.17, -8.68</a>
CIELCh	<a href="#">79, 45.992, 190.874</a>
Yxy	<a href="#">55.3726, 0.2278, 0.3401</a>
Android (android.graphics.Color)	<a href="#">4278311891</a> ( <a href="#">0xFF01DBD3</a> )
YUV	<a href="#">152.9060, 28.6403, -133.2216</a>
Hunter-Lab	<a href="#">74.4128, -41.2230, -3.9723</a>

# Details

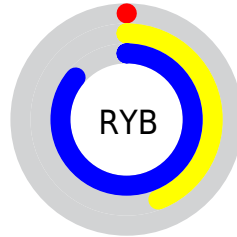
The Android color **4278311891** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **4292542729**, and the grayscale version is **4288256409**.

A 20% lighter version of the original color is **4285464575**, and **4278231965** is the 20% darker color. If you saturate the color by 10%, you get **4278246355**, and if you desaturate by 10%, it is **4279753684**.

# Distribution



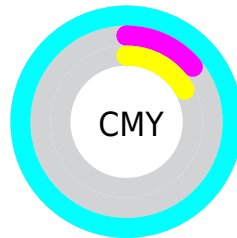
- Red (0%)
- Green (86%)
- Blue (83%)



- Red (0%)
- Yellow (44%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278311891 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 4278311891 by changing the saturation by 10% instead.



 4278311891

 4278311891

4294967295

 4278239159

 4285464575

 4278231965

 4287692799

 4278225027

 4289789951

 4278218345

 4291887103

 4278211921

 4293984255

 4278205498

 4278200101

 4278190353

 4278190080

■ 4278311891

■ 4278311891

■ 4278246355

■ 4279753684

■ 4281195477

■ 4282637269

■ 4284079062

■ 4285455319

■ 4286897112

■ 4288338905

■ 4289780697

■ 4291222490

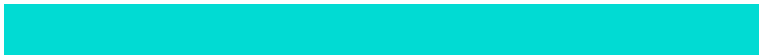
# Harmonies

## Analogous

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



4285192615



4278311891



4278245627

# Triad

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



4278311891



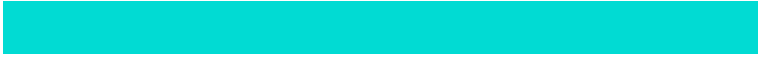
4292719615



4294424692

# Complementary

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



4278311891



4292542729

# 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.



4294945422



4278311891



4294944481

# Square

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



4278311891



4288594943



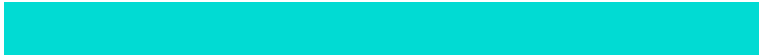
4294943414



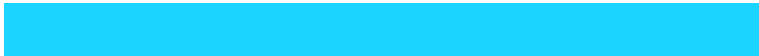
4291872622

# Rectangle

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



4278311891



4280014079



4294943414

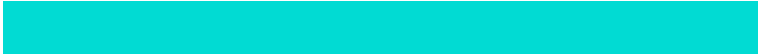


4294947706

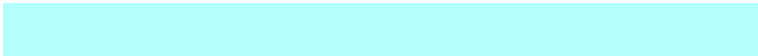


# Sweetspot

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



4278311891



4289986556



4279032577



4283596926



4278190080

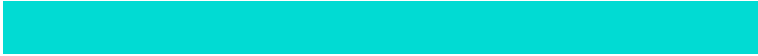


4286611584



# Same Dimension

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



4278311891



4278255606



4278286811



4284706413



4278234535



4278201900



# Inverse Universe

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



4292542729



4294901769



4292567809



4285424483



4289527814

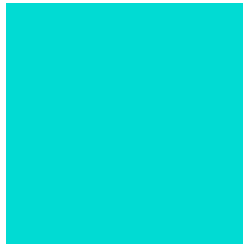


4281204738



# Previews

## White Background



This preview shows how the Android color 4278311891 looks on a white background.

## Color Contrast Check

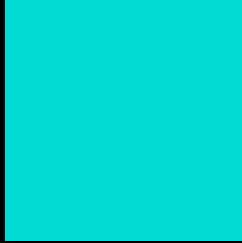
Large Text (above 18pt) WCAG AA × Fail

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 4278311891 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

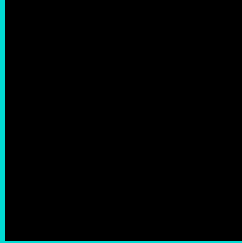
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

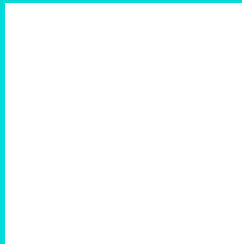
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278311891 Background



This preview shows how black text looks on a background with the Android color 4278311891.



This preview shows how white text looks on a background with the Android color 4278311891.

# 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



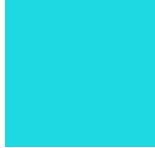
**Original Color**  
4278311891



**Protanomaly**  
4286499785



**Deuteranomaly**  
4286761431

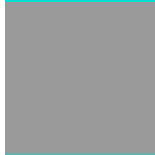


**Tritanomaly**  
4280211937

# Monochromacy



**Original Color**  
4278311891



**Achromatopsia**  
4288256409



**Achromatomaly**  
4284658094

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278311891 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(1, 219, 211)` looks like.

```
.text, #text, p{  
    color:rgb(1, 219, 211)  
}
```

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(1, 219, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 219, 211) }
```

## Border

The CSS property to change the border of an element to Android 4278311891 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(1, 219, 211) }
```

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

```
.border{ border-color:rgb(1, 219, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 219, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 219, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 219, 211);  
box-shadow:4px 4px 4px 4px rgb(1, 219,  
211) }
```

# Background

The CSS property to change the background color of an element to Android 4278311891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 219, 211) }
```

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

```
.background{ background-color: rgb(1, 219,  
211) }
```

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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