

# Converting Colors

Android(4278966418)

Have a look what the booklet for  
Android(4278966418) contains.

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**Color**

**Android(4278966418)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0BD892
RGB	11, 216, 146
RGB Percent	4%, 85%, 57%
CMY	0.9569, 0.1529, 0.4275
CMYK	0.95, 0.00, 0.32, 0.15
HSL	160°, 90%, 45%
HSV	160°, 95%, 85%
XYZ	29.8822, 51.2582, 35.5130
YIQ	146.7250, -99.7100, -65.2300

# Conversions

## Conversions Part 2

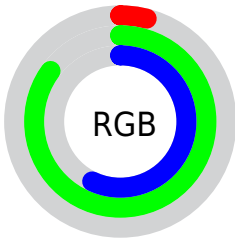
Format	Color
<a href="#">RYB</a>	<a href="#">11, 135, 216</a>
Decimal	<a href="#">776338</a>
CIELab	<a href="#">76.84, -60.17, 22.39</a>
CIELCh	<a href="#">77, 64.197, 159.587</a>
Yxy	<a href="#">51.2582, 0.2562, 0.4394</a>
Android (android.graphics.Color)	<a href="#">4278966418</a> (0xFF0BD892)
YUV	<a href="#">146.7250, -0.3574, -119.0308</a>
Hunter-Lab	<a href="#">71.5948, -50.7888, 20.7069</a>

# Details

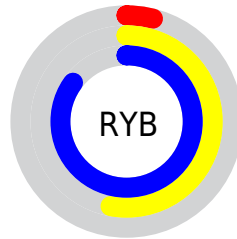
The Android color **4278966418** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **4292348753**, and the grayscale version is **4287861651**.

A 20% lighter version of the original color is **4285267912**, and **4278231135** is the 20% darker color. If you saturate the color by 10%, you get **4278245518**, and if you desaturate by 10%, it is **4280408217**.

# Distribution



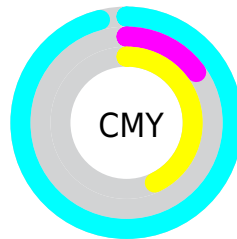
- Red (4%)
- Green (85%)
- Blue (57%)



- Red (4%)
- Yellow (53%)
- Blue (85%)



- Cyan (95%)
- Magenta (0%)
- Yellow (32%)
- Black (15%)



- Cyan (96%)
- Magenta (15%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278966418 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 4278966418 by changing the saturation by 10% instead.



 4278966418

 4278966418

4294967295

 4278238328

 4285267912

 4278231135

 4287430628

 4278224199

 4289462271

 4278217264

 4291493887

 4278210586

 4293525503

 4278204417

 4278198272

 4278190080

 4278966418

 4278966418

■ 4278245518

■ 4280408217

■ 4281784481

■ 4283226280

■ 4284602544

■ 4286044343

■ 4287486142

■ 4288862406

■ 4290304205

■ 4291680468

# Harmonies

## Analogous

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



4287418461



4278966418



4278246352

# Triad

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



4278966418



4285644543



4294940021

# Complementary

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



4278966418



4292348753

# 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.



4294936749



4278966418



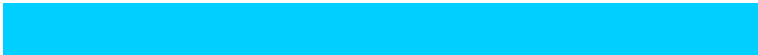
4292519679

# Square

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



4278966418



4278243327



4294938856



4294945867

# Rectangle

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



4278966418



4278246135



4294938856



4294938502

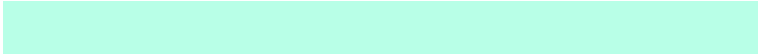


# Sweetspot

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



4278966418



4290314215



4283684875



4283727985



4278190080



4286611584



# Same Dimension

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



4278966418



4278255528



4278958552



4284509031



4278233969



4278201117



# Inverse Universe

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



4292348753



4294901847



4292356619



4285227108



4289396794

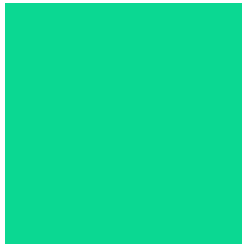


4281008143



# Previews

## White Background



This preview shows how the Android color 4278966418 looks on a white background.

## Color Contrast Check

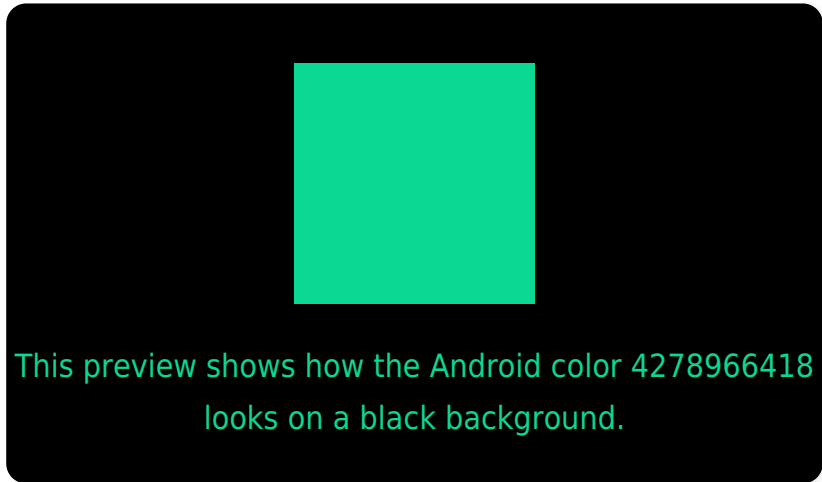
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

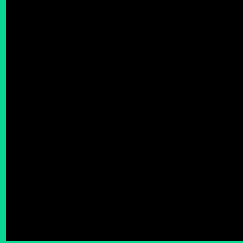
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4278966418 Background



This preview shows how black text looks on a background with the Android color 4278966418.

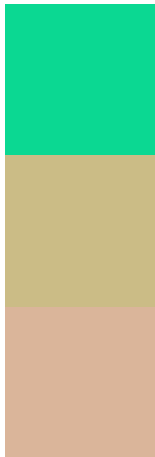


This preview shows how white text looks on a background with the Android color 4278966418.

# 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**  
4278966418

**Protanopia**  
4291542150

**Deuteranopia**  
4292523418



# Trichromacy



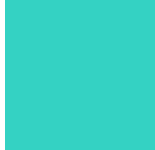
**Original Color**  
4278966418



**Protanomaly**  
4286957194



**Deuteranomaly**  
4287611543



**Tritanomaly**  
4281651907

# Monochromacy



**Original Color**  
4278966418



**Achromatopsia**  
4287861651



**Achromatomaly**  
4284656787

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278966418 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(11, 216, 146)` looks like.

```
.text, #text, p{  
    color:rgb(11, 216, 146)  
}
```

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(11, 216, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 216, 146) }
```

## Border

The CSS property to change the border of an element to Android 4278966418 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(11, 216, 146) }
```

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

```
.border{ border-color:rgb(11, 216, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 216, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 216, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 216, 146);  
box-shadow:4px 4px 4px 4px rgb(11, 216,  
146) }
```

# Background

The CSS property to change the background color of an element to Android 4278966418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 216, 146) }
```

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

```
.background{ background-color: rgb(11, 216,  
146) }
```

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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