

# Converting Colors

Android(4278973680)

Have a look what the booklet for  
Android(4278973680) contains.

<b>Android(4278973680)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4278973680)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0BF4F0
RGB	11, 244, 240
RGB Percent	4%, 96%, 94%
CMY	0.9569, 0.0431, 0.0588
CMYK	0.95, 0.00, 0.02, 0.04
HSL	179°, 91%, 50%
HSV	179°, 95%, 96%
XYZ	48.2169, 71.0638, 93.6135
YIQ	173.8770, -137.5840, -50.6400

# Conversions

## Conversions Part 2

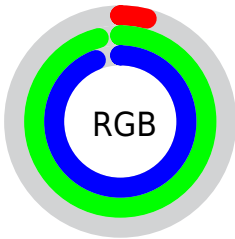
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">11, 129, 244</a>
Decimal	<a href="#">783600</a>
CIELab	<a href="#">87.52, -47.42, -11.70</a>
CIELCh	<a href="#">88, 48.841, 193.861</a>
Yxy	<a href="#">71.0638, 0.2265, 0.3338</a>
Android (android.graphics.Color)	<a href="#">4278973680 (0xFF0BF4F0)</a>
YUV	<a href="#">173.8770, 32.5986, -142.8431</a>
Hunter-Lab	<a href="#">84.2993, -45.4268, -6.8313</a>

# Details

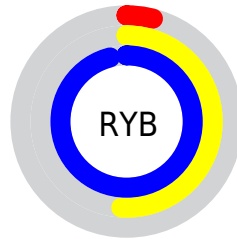
The Android color **4278973680** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **4294183695**, and the grayscale version is **4289638062**.

A 20% lighter version of the original color is **4286054399**, and **4278238136** is the 20% darker color. If you saturate the color by 10%, you get **4278252784**, and if you desaturate by 10%, it is **4280546544**.

# Distribution



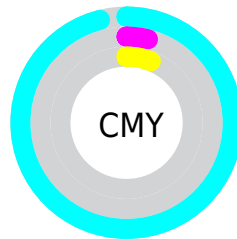
- Red (4%)
- Green (96%)
- Blue (94%)



- Red (4%)
- Yellow (51%)
- Blue (96%)



- Cyan (95%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (96%)
- Magenta (4%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278973680 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 4278973680 by changing the saturation by 10% instead.



 4278973680

 4278973680

4294967295

 4278245332

 4286054399

 4278238136

 4288348159

 4278230941

 4290510847

 4278224003

 4292673535

 4278217322

 4294770687

 4278210898

 4278204731

 4278199077

 4278190353

■ 4278973680

■ 4278973680

■ 4278252784

■ 4280546544

■ 4282184945

■ 4283757809

■ 4285396210

■ 4286969074

■ 4288541939

■ 4290180339

■ 4291753203

■ 4293391604

# Harmonies

## Analogous

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



4285788864



4278973680



4278252031

# Triad

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



4278973680



4294756351



4294955138

# Complementary

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



4278973680



4294183695

# 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.



4294951069



4278973680



4294949622

# Square

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



4278973680



4290435583



4294948807



4293189503

# Rectangle

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



4278973680



4282379263



4294948807



4294953609

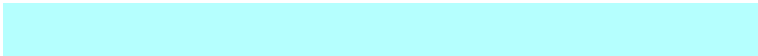


# Sweetspot

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



4278973680



4290117630



4279497739



4283662463



4278190080



4286611584



# Same Dimension

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



4278973680



4278255611



4278945780



4285430394



4278237879



4278205242



# Inverse Universe

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



4294183695



4294901764



4294211595



4286213742



4290379779

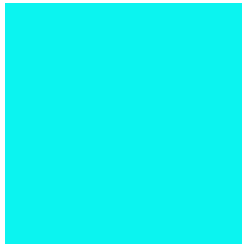


4282056705



# Previews

## White Background



This preview shows how the Android color 4278973680 looks on a white background.

## Color Contrast Check

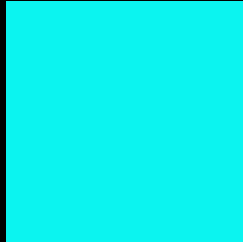
Large Text (above 18pt) WCAG AA × Fail

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 4278973680 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 4278973680 Background



This preview shows how black text looks on a background with the Android color 4278973680.

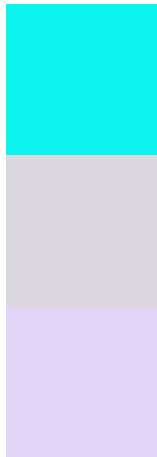


This preview shows how white text looks on a background with the Android color 4278973680.

# 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



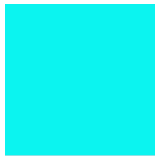
**Original Color**  
4278973680

**Protanopia**  
4292597983

**Deuteranopia**  
4292924663



# Trichromacy



**Original Color**

4278973680



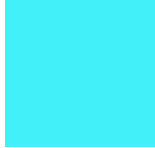
**Protanomaly**

4287619813



**Deuteranomaly**

4287881460



**Tritanomaly**

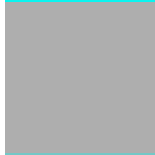
4282577146

# Monochromacy



**Original Color**

4278973680



**Achromatopsia**

4289638062



**Achromatomaly**

4285777862

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278973680 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, 244, 240)` looks like.

```
.text, #text, p{  
    color:rgb(11, 244, 240)  
}
```

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, 244, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 244, 240) }
```

## Border

The CSS property to change the border of an element to Android 4278973680 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, 244, 240) }
```

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

```
.border{ border-color:rgb(11, 244, 240) }
```

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

Here you see how a box with a 4 pixel rgb(11, 244, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 244, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 244, 240);  
box-shadow:4px 4px 4px 4px rgb(11, 244,  
240) }
```

# Background

The CSS property to change the background color of an element to Android 4278973680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 244, 240) }
```

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

```
.background{ background-color: rgb(11, 244,  
240) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor