

# Converting Colors

Android(4278244050)

Have a look what the booklet for  
Android(4278244050) contains.

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**Color**

**Android(4278244050)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D2D2
RGB	0, 210, 210
RGB Percent	0%, 82%, 82%
CMY	1.0000, 0.1765, 0.1765
CMYK	1.00, 0.00, 0.00, 0.18
HSL	180°, 100%, 41%
HSV	180°, 100%, 82%
XYZ	34.6795, 50.7463, 68.9400
YIQ	147.2100, -125.1600, -44.5200

# Conversions

## Conversions Part 2

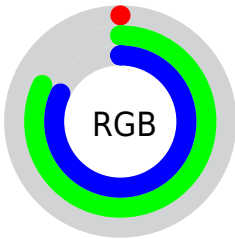
Format	Color
<a href="#">RYB</a>	<a href="#">0, 105, 210</a>
Decimal	<a href="#">53970</a>
CIELab	<a href="#">76.53, -41.53, -12.21</a>
CIELCh	<a href="#">77, 43.289, 196.386</a>
Yxy	<a href="#">50.7463, 0.2247, 0.3287</a>
Android (android.graphics.Color)	<a href="#">4278244050</a> ( <a href="#">0xFF00D2D2</a> )
YUV	<a href="#">147.2100, 30.9555, -129.1032</a>
Hunter-Lab	<a href="#">71.2365, -37.7661, -7.5131</a>

# Details

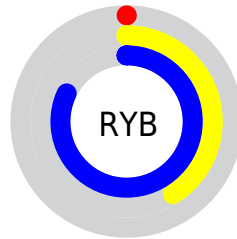
The Android color **4278244050** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **4291952640**, and the grayscale version is **4287861651**.

A 20% lighter version of the original color is **4285333503**, and **4278229916** is the 20% darker color. If you saturate the color by 10%, you get **4278244050**, and if you desaturate by 10%, it is **4279620306**.

# Distribution



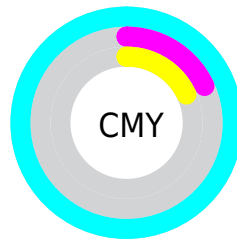
- Red (0%)
- Green (82%)
- Blue (82%)



- Red (0%)
- Yellow (41%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278244050 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 4278244050 by changing the saturation by 10% instead.



 4278244050

 4278244050

4294967295

 4278236854

 4285333503


 4278229916

 4287561727

 4278222978

 4289658879

 4278216297

 4291756031

 4278209872

 4293787647

 4278203706

 4278198308

 4278190351

 4278190080

 4278244050

 4279620306

 4280996562

 4282372818

 4283749074

 4285125330

 4286501586

 4287877842

 4289254098

 4290630354

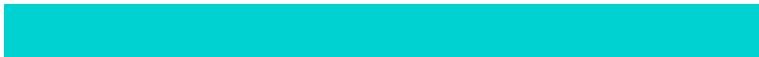
# Harmonies

## Analogous

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



4284404137



4278244050



4278243318

# Triad

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



4278244050



4292717300



4293375087

# Complementary

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



4278244050



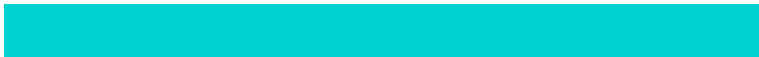
4291952640

# 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.



4294944389



4278244050



4294942673

# Square

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



4278244050



4289116671



4294942376



4290888046

# Rectangle

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



4278244050



4282436351



4294942376



4294029172

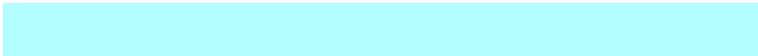


# Sweetspot

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



4278244050



4289986559



4278243840



4283596928



4278190080



4286611584



# Same Dimension

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



4278244050



4278255615



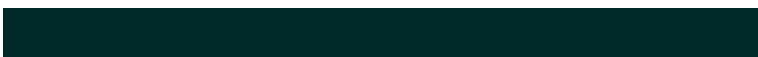
4278217170



4284377449



4278233256



4278200617



# Inverse Universe

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



4291952850



4294902015



4291979520



4285095529



4289200296

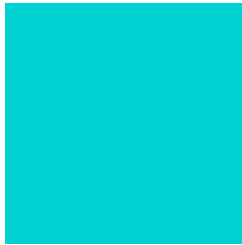


4280877097



# Previews

## White Background



This preview shows how the Android color 4278244050 looks on a white background.

## Color Contrast Check

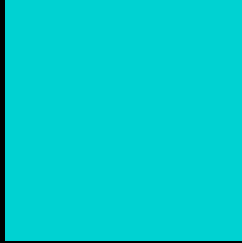
Large Text (above 18pt) WCAG AA × Fail

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 4278244050 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

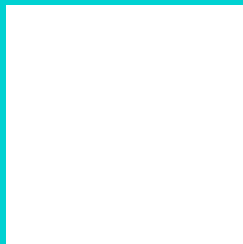
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278244050 Background



This preview shows how black text looks on a background with the Android color 4278244050.



This preview shows how white text looks on a background with the Android color 4278244050.

# 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





**Tritanopia**  
4280733921

# Trichromacy



**Original Color**

4278244050



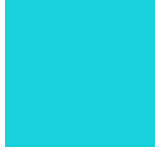
**Protanomaly**

4286104520



**Deuteranomaly**

4286235094



**Tritanomaly**

4279816668

# Monochromacy



**Original Color**

4278244050



**Achromatopsia**

4287861651



**Achromatomaly**

4284394154

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278244050 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, 210, 210)` looks like.

```
.text, #text, p{  
    color:rgb(0, 210, 210)  
}
```

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, 210, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 210, 210) }
```

## Border

The CSS property to change the border of an element to Android 4278244050 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, 210, 210) }
```

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

```
.border{ border-color:rgb(0, 210, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 210, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 210, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 210, 210);  
box-shadow:4px 4px 4px 4px rgb(0, 210,  
210) }
```

# Background

The CSS property to change the background color of an element to Android 4278244050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 210, 210) }
```

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

```
.background{ background-color: rgb(0, 210,  
210) }
```

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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