

# Converting Colors

Android(4278244060)

Have a look what the booklet for  
Android(4278244060) contains.

<b>Android(4278244060)</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(4278244060)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D2DC
RGB	0, 210, 220
RGB Percent	0%, 82%, 86%
CMY	1.0000, 0.1765, 0.1373
CMYK	1.00, 0.05, 0.00, 0.14
HSL	183°, 100%, 43%
HSV	183°, 100%, 86%
XYZ	35.9649, 51.2605, 75.7089
YIQ	148.3500, -128.3700, -41.4100

# Conversions

## Conversions Part 2

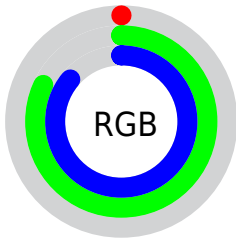
Format	Color
<b>RYB</b>	0, 107, 220
Decimal	53980
CIELab	76.84, -38.51, -17.12
CIELCh	77, 42.146, 203.969
Yxy	51.2605, 0.2207, 0.3146
Android (android.graphics.Color)	4278244060 (0xFF00D2DC)
YUV	148.3500, 35.3235, -130.1029
Hunter-Lab	71.5964, -35.6283, -12.5781

# Details

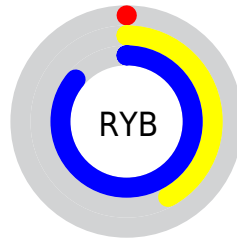
The Android color `4278244060` is a dark color, and the websafe version is hex `00CCCC`. The color can be described as middle washed cyan. A complement of this color would be `4292610560`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4285464575`, and `4278229925` is the 20% darker color. If you saturate the color by 10%, you get `4278244060`, and if you desaturate by 10%, it is `4279686108`.

# Distribution



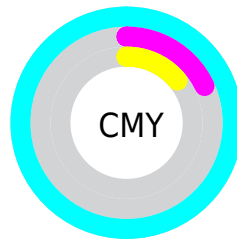
- Red (0%)
- Green (82%)
- Blue (86%)



- Red (0%)
- Yellow (42%)
- Blue (86%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (18%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278244060 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 4278244060 by changing the saturation by 10% instead.



 4278244060

 4278244060

4294967295

 4278236864

 4285464575


 4278229925

 4287627263

 4278222987

 4289789951

 4278216561

 4291887103

 4278210137

 4293918719

 4278203969

 4278198571

 4278190359

 4278190080

 4278244060

 4279686108

 4281128156

 4282570204


 4284012252

 4285454300

 4286896348

 4288338396

 4289780444

 4291222492

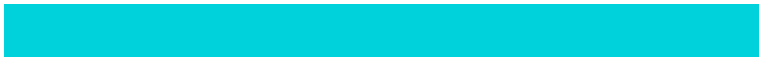
# Harmonies

## Analogous

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



4283749044



4278244060



4280667644

# Triad

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



4278244060



4293372140



4292786544

# Complementary

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



4278244060



4292610560

# 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.



4294683520



4278244060



4294942919

# Square

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



4278244060



4290230015



4294943136



4290233717

# Rectangle

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



4278244060



4284336383



4294943136



4293506163



# Sweetspot

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



4278244060



4289985791



4278246407



4283596160



4278190080



4286611584



# Same Dimension

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



4278244060



4278252543



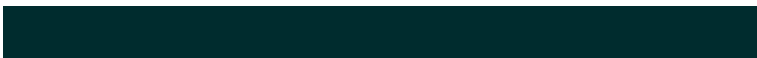
4278216668



4284706158



4278232749



4278201390



# Inverse Universe

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



4292608210



4294902003



4292637952



4285424493



4289527974

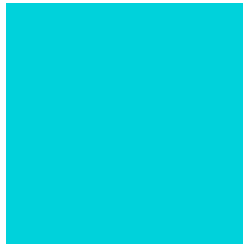


4281204780



# Previews

## White Background



This preview shows how the Android color 4278244060 looks on a white background.

## Color Contrast Check

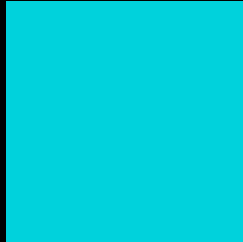
Large Text (above 18pt) WCAG AA × Fail

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 4278244060 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

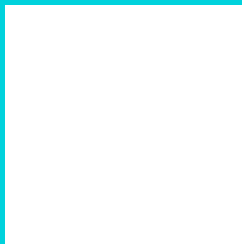
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278244060 Background



This preview shows how black text looks on a background with the Android color 4278244060.

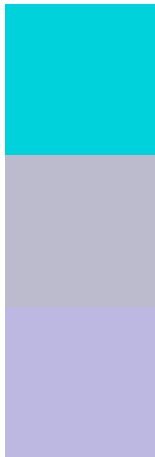


This preview shows how white text looks on a background with the Android color 4278244060.

# 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](#).

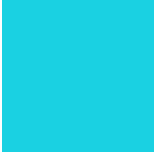
## Dichromacy



**Original Color**  
4278244060

**Protanopia**  
4290493389

**Deuteranopia**  
4290558178



**Tritanopia**  
4279947746

# Trichromacy



**Original Color**

4278244060



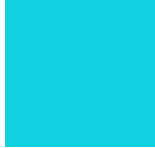
**Protanomaly**

4286038994



**Deuteranomaly**

4286104032



**Tritanomaly**

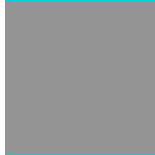
4279357920

# Monochromacy



**Original Color**

4278244060



**Achromatopsia**

4287927444



**Achromatomaly**

4284394414

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278244060 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(0, 210, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 210, 220) }
```

## Border

The CSS property to change the border of an element to Android 4278244060 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, 220) }
```

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

```
.border{ border-color:rgb(0, 210, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 210, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 210, 220);  
box-shadow:4px 4px 4px 4px rgb(0, 210,  
220) }
```

# Background

The CSS property to change the background color of an element to Android 4278244060 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, 220) }
```

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

```
.background{ background-color: rgb(0, 210,  
220) }
```

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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