

# Converting Colors

Android(4278235825)

Have a look what the booklet for  
Android(4278235825) contains.

<b>Android(4278235825)</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(4278235825)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B2B1
RGB	0, 178, 177
RGB Percent	0%, 70%, 69%
CMY	1.0000, 0.3020, 0.3059
CMYK	1.00, 0.00, 0.01, 0.30
HSL	180°, 100%, 35%
HSV	180°, 100%, 70%
XYZ	23.8562, 35.0151, 47.0962
YIQ	124.6640, -105.7670, -38.0470

# Conversions

## Conversions Part 2

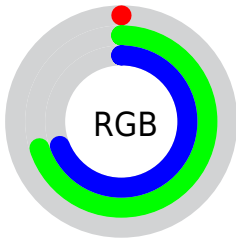
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 89, 178
Decimal	45745
CIELab	65.76, -37.02, -10.29
CIELCh	66, 38.421, 195.530
Yxy	35.0151, 0.2251, 0.3304
Android (android.graphics.Color)	4278235825 (0xFF00B2B1)
YUV	124.6640, 25.8016, -109.3303
Hunter-Lab	59.1736, -31.5903, -5.7674

# Details

The Android color `4278235825` is a dark color, and the websafe version is hex `33CCCC`. A complement of this color would be `4289855489`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4284738281`, and `4278222205` is the 20% darker color. If you saturate the color by 10%, you get `4278235825`, and if you desaturate by 10%, it is `4279415473`.

# Distribution



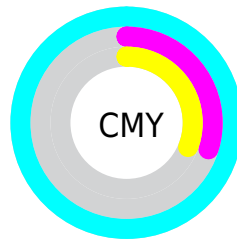
- Red (0%)
- Green (70%)
- Blue (69%)



- Red (0%)
- Yellow (35%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278235825 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 4278235825 by changing the saturation by 10% instead.





4278235825



4278235825

4294967295



4278228886



4284738281



4278222205



4286775295



4278215524



4288806911



4278209100



4290838527



4278203189



4292804607



4278197536

4294836223



4278190087




4278190080



4278235825

 4279415473

 4280595121

 4281709233

 4282888881

 4284068530

 4285248178

 4286427826

 4287541938

 4288721586

# Harmonies

## Analogous

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



4283478413



4278235825



4278235088

# Triad

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



4278235825



4290416848



4291074141

# Complementary

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



4278235825



4289855489

# 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.



4292578416



4278235825



4292380594

# Square

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



4278235825



4287274466



4293100943



4288979804

# Rectangle

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



4278235825



4281445342



4293100943



4291662946



# Sweetspot

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



4278235825



4288866536



4278432256



4283135349



4294309365



4285887861



# Same Dimension

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



4278235825



4278249703



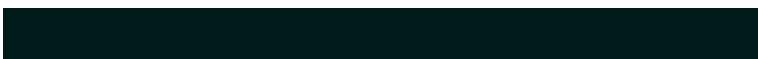
4278213810



4283455833



4278229400



4278196761



# Inverse Universe

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



4289855489



4293394433



4289877504



4284043344



4288217089

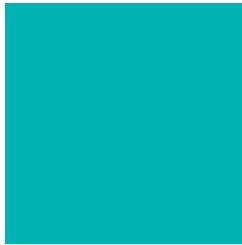


4279894016



# Previews

## White Background



This preview shows how the Android color 4278235825 looks on a white background.

## Color Contrast Check

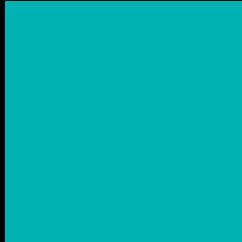
Large Text (above 18pt) WCAG AA × Fail

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 4278235825 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

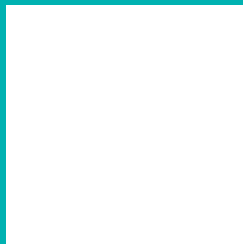
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278235825 Background



This preview shows how black text looks on a background with the Android color 4278235825.

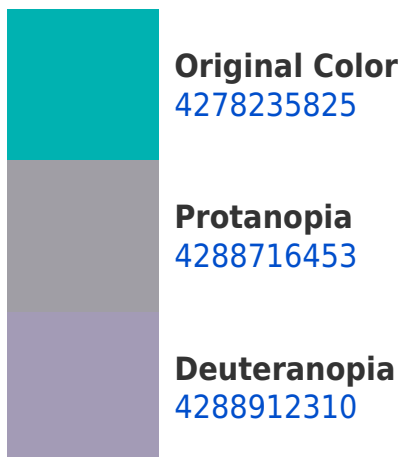


This preview shows how white text looks on a background with the Android color 4278235825.

# 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**

4278235825



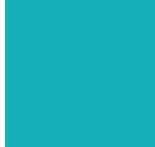
**Protanomaly**

4284917161



**Deuteranomaly**

4285047732



**Tritanomaly**

4279611833

# Monochromacy



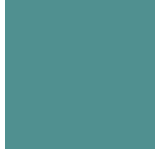
**Original Color**

4278235825



**Achromatopsia**

4286414205



**Achromatomaly**

4283469968

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278235825 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, 178, 177)` looks like.

```
.text, #text, p{  
    color:rgb(0, 178, 177)  
}
```

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, 178, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 178, 177) }
```

## Border

The CSS property to change the border of an element to Android 4278235825 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, 178, 177) }
```

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

```
.border{ border-color:rgb(0, 178, 177) }
```

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

Here you see how a box with a 4 pixel rgb(0, 178, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 178, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 178, 177);  
box-shadow:4px 4px 4px 4px rgb(0, 178,  
177) }
```

# Background

The CSS property to change the background color of an element to Android 4278235825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 178, 177) }
```

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

```
.background{ background-color: rgb(0, 178,  
177) }
```

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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