

# Converting Colors

Android(4278369738)

Have a look what the booklet for  
Android(4278369738) contains.

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# **Color**

**Android(4278369738)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02BDCA
RGB	2, 189, 202
RGB Percent	1%, 74%, 79%
CMY	0.9922, 0.2588, 0.2078
CMYK	0.99, 0.06, 0.00, 0.21
HSL	184°, 98%, 40%
HSV	184°, 99%, 79%
XYZ	28.8833, 40.6724, 62.2054
YIQ	134.5690, -115.6250, -35.6010

# Conversions

## Conversions Part 2

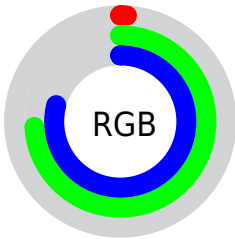
Format	Color
<b>RYB</b>	2, 99, 202
Decimal	179658
CIELab	69.95, -34.30, -17.77
CIELCh	70, 38.631, 207.388
Yxy	40.6724, 0.2192, 0.3087
Android (android.graphics.Color)	4278369738 (0xFF02BDCA)
YUV	134.5690, 33.2435, -116.2630
Hunter-Lab	63.7749, -30.7644, -13.1884

# Details

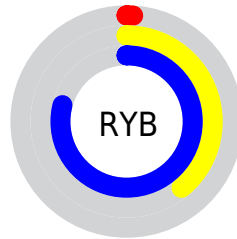
The Android color **4278369738** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **4291432194**, and the grayscale version is **4287006342**.

A 20% lighter version of the original color is **4285069055**, and **4278224788** is the 20% darker color. If you saturate the color by 10%, you get **4278238666**, and if you desaturate by 10%, it is **4279680714**.

# Distribution



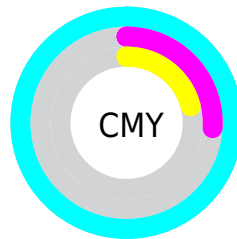
- Red (1%)
- Green (74%)
- Blue (79%)



- Red (1%)
- Yellow (39%)
- Blue (79%)



- Cyan (99%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)



- Cyan (99%)
- Magenta (26%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278369738 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 4278369738 by changing the saturation by 10% instead.



 4278369738

 4278369738

4294967295

 4278231727

 4285069055

 4278224788

 4287234047

 4278218106

 4289265663

 4278211681

 4291362815

 4278205514

 4293394431

 4278200115

 4278190623

 4278190081

 4278190080

■ 4278369738

■ 4278369738

■ 4278238666

■ 4279680714

■ 4280991946

■ 4282368458

■ 4283679434

■ 4284990666

■ 4286301642

■ 4287612618

■ 4288989386

■ 4290300362

# Harmonies

## Analogous

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



4282891687



4278369738



4281252069

# Triad

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



4278369738



4292122577



4291143780

# Complementary

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



4278369738



4291432194

# 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.



4292910193



4278369738



4293628079

# Square

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



4278369738



4289373161



4293825164



4288787307

# Rectangle

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



4278369738



4284265455



4293825164



4291798118



# Sweetspot

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



4278369738



4289985279



4278372876



4283596160



4278190080



4286611584



# Same Dimension

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



4278369738



4278251263



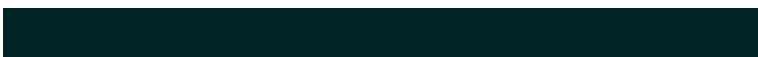
4278344906



4284245350



4278229926



4278199334



# Inverse Universe

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



4291429053



4294901998



4291457026



4284898405



4289069211

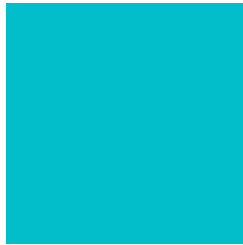


4280680484



# Previews

## White Background



This preview shows how the Android color 4278369738 looks on a white background.

## Color Contrast Check

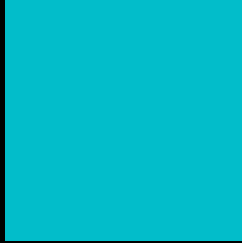
Large Text (above 18pt) WCAG AA × Fail

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 4278369738 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 4278369738 Background



This preview shows how black text looks on a background with the Android color 4278369738.



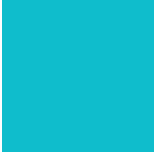
This preview shows how white text looks on a background with the Android color 4278369738.

# 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



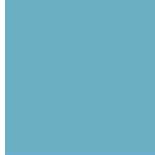


**Tritanopia**  
4279221708

# Trichromacy



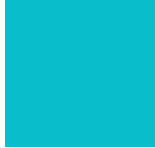
**Original Color**  
4278369738



**Protanomaly**  
4285247682



**Deuteranomaly**  
4285247181



**Tritanomaly**  
4278894027

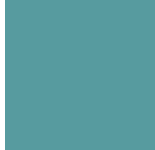
# Monochromacy



**Original Color**  
4278369738



**Achromatopsia**  
4287072135



**Achromatomaly**  
4283931551

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278369738 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(2, 189, 202)` looks like.

```
.text, #text, p{  
    color:rgb(2, 189, 202)  
}
```

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(2, 189, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 189, 202) }
```

## Border

The CSS property to change the border of an element to Android 4278369738 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(2, 189, 202) }
```

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

```
.border{ border-color:rgb(2, 189, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 189, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 189, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 189, 202);  
box-shadow:4px 4px 4px 4px rgb(2, 189,  
202) }
```

# Background

The CSS property to change the background color of an element to Android 4278369738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 189, 202) }
```

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

```
.background{ background-color: rgb(2, 189,  
202) }
```

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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