

# Converting Colors

Android(4278891938)

Have a look what the booklet for  
Android(4278891938) contains.

<b>Android(4278891938)</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(4278891938)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0AB5A2
RGB	10, 181, 162
RGB Percent	4%, 71%, 64%
CMY	0.9608, 0.2902, 0.3647
CMYK	0.94, 0.00, 0.10, 0.29
HSL	173°, 90%, 37%
HSV	173°, 94%, 71%
XYZ	23.1706, 35.7209, 39.8560
YIQ	127.7050, -95.8170, -42.1610

# Conversions

## Conversions Part 2

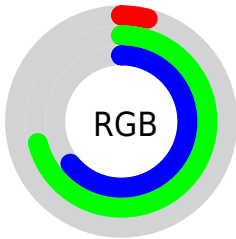
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 101, 181
Decimal	701858
CIELab	66.31, -42.42, -1.16
CIElCh	66, 42.437, 181.567
Yxy	35.7209, 0.2346, 0.3617
Android (android.graphics.Color)	4278891938 (0xFF0AB5A2)
YUV	127.7050, 16.9074, -103.2273
Hunter-Lab	59.7670, -35.3908, 2.2989

# Details

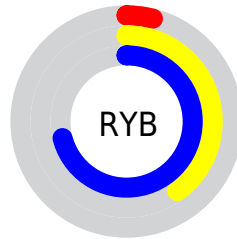
The Android color **4278891938** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **4290054685**, and the grayscale version is **4286611584**.

A 20% lighter version of the original color is **4284739289**, and **4278222703** is the 20% darker color. If you saturate the color by 10%, you get **4278236577**, and if you desaturate by 10%, it is **4280071588**.

# Distribution



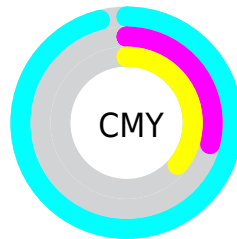
- Red (4%)
- Green (71%)
- Blue (64%)



- Red (4%)
- Yellow (40%)
- Blue (71%)



- Cyan (94%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)



- Cyan (96%)
- Magenta (29%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278891938 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 4278891938 by changing the saturation by 10% instead.



 4278891938

 4278891938

4294967295

 4278229640

 4284739289

 4278222703

 4286840821

 4278216022

 4288806911

 4278209599

 4290838527

 4278203689

 4292804607

 4278198037

4294836223


 4278190080

 4278891938

 4278891938

 4278236577

 4280071588

 4281251238

 4282430888

 4283610538

 4284855724

 4286035374

 4287215024

 4288394674

 4289574324

# Harmonies

## Analogous

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



4284527228



4278891938



4278236360

# Triad

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



4278891938



4289173474



4292252255

# Complementary

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



4278891938



4290054685

# 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.



4293428859



4278891938



4291987910

# Square

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



4278891938



4284982509



4293427873



4290224211

# Rectangle

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



4278891938



4278235612



4293427873



4292775527



# Sweetspot

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



4278891938



4289326051



4280202506



4283266417



4294309365



4285887861



# Same Dimension

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



4278891938



4278250449



4278875061



4283455832



4278229384



4278196759



# Inverse Universe

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



4290054685



4293591066



4290071562



4284043345



4288217105

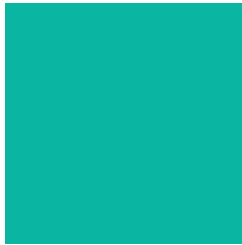


4279894019



# Previews

## White Background



This preview shows how the Android color 4278891938 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 4278891938 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

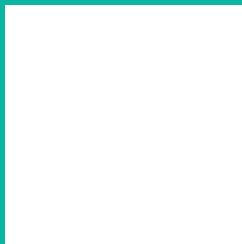
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278891938 Background



This preview shows how black text looks on a background with the Android color 4278891938.

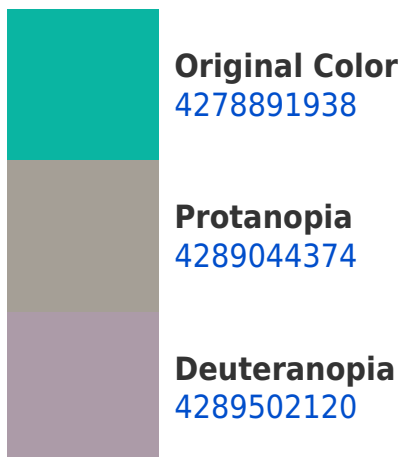


This preview shows how white text looks on a background with the Android color 4278891938.

# 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



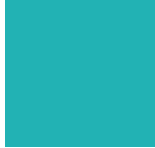
**Original Color**  
4278891938



**Protanomaly**  
4285376410



**Deuteranomaly**  
4285637798



**Tritanomaly**  
4280464052

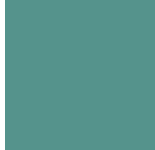
# Monochromacy



**Original Color**  
4278891938



**Achromatopsia**  
4286611584



**Achromatomaly**  
4283798412

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278891938 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(10, 181, 162)` looks like.

```
.text, #text, p{  
    color:rgb(10, 181, 162)  
}
```

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(10, 181, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 181, 162) }
```

## Border

The CSS property to change the border of an element to Android 4278891938 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(10, 181, 162) }
```

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

```
.border{ border-color:rgb(10, 181, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 181, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 181, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 181, 162);  
box-shadow:4px 4px 4px 4px rgb(10, 181,  
162) }
```

# Background

The CSS property to change the background color of an element to Android 4278891938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 181, 162) }
```

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

```
.background{ background-color: rgb(10, 181,  
162) }
```

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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