

# Converting Colors

Android(4278236815)

Have a look what the booklet for  
Android(4278236815) contains.

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**Color**

**Android(4278236815)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 00B68F                       |
| RGB         | 0, 182, 143                  |
| RGB Percent | 0%, 71%, 56%                 |
| CMY         | 1.0000, 0.2863, 0.4392       |
| CMYK        | 1.00, 0.00, 0.21, 0.29       |
| HSL         | 167°, 100%, 36%              |
| HSV         | 167°, 100%, 71%              |
| XYZ         | 21.6859, 35.4391, 31.6841    |
| YIQ         | 123.1360, -95.9530, -50.7130 |

# Conversions

## Conversions Part 2

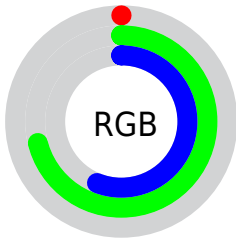
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 0, 102, 182                    |
| Decimal                             | 46735                          |
| CIELab                              | 66.09, -48.31, 9.00            |
| CIELCh                              | 66, 49.137, 169.446            |
| Yxy                                 | 35.4391, 0.2442,<br>0.3990     |
| Android<br>(android.graphics.Color) | 4278236815<br>(0xFF00B68F)     |
| YUV                                 | 123.1360, 9.7930,<br>-107.9903 |
| Hunter-Lab                          | 59.5307, -39.1547,<br>10.1156  |

# Details

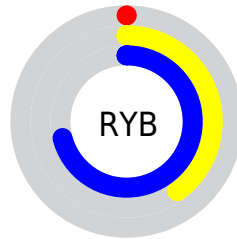
The Android color **4278236815** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **4290117671**, and the grayscale version is **4286282619**.

A 20% lighter version of the original color is **4284542917**, and **4278222941** is the 20% darker color. If you saturate the color by 10%, you get **4278236815**, and if you desaturate by 10%, it is **4279416467**.

# Distribution



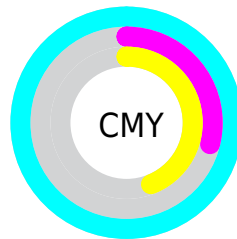
- Red (0%)
- Green (71%)
- Blue (56%)



- Red (0%)
- Yellow (40%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278236815 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 4278236815 by changing the saturation by 10% instead.





4278236815



4278236815

4294967295



4278229877



4284542917



4278222941



4286644193



4278216261



4288610301



4278209839



4290576383



4278203674



4292607999



4278197760



4294574079



4278190080




4278236815



4279416467

 4280596119

 4281841307

 4283020959

 4284200611

 4285380262

 4286559914

 4287805102

 4288984754

# Harmonies

## Analogous

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



4285247845



4278236815



4278237117

# Triad

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



4278236815



4287273972



4293298271

# Complementary

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



4278236815



4290117671

# 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.



4294212998



4278236815



4291332826

# Square

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



4278236815



4278495991



4293557682



4291336520

# Rectangle

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



4278236815



4278236631



4293557682



4293756011



# Sweetspot

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



4278236815



4289129950



4280792576



4283267183



4294440951



4286085240



# Same Dimension

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



4278236815



4278250938



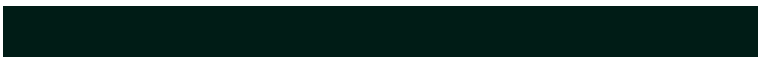
4278223542



4283653210



4278230138



4278197270



# Inverse Universe

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



4290117671



4293722163



4290130944



4284240725



4288413729

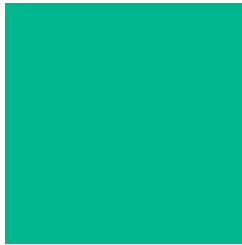


4280025094



# Previews

## White Background



This preview shows how the Android color 4278236815 looks on a white background.

## Color Contrast Check

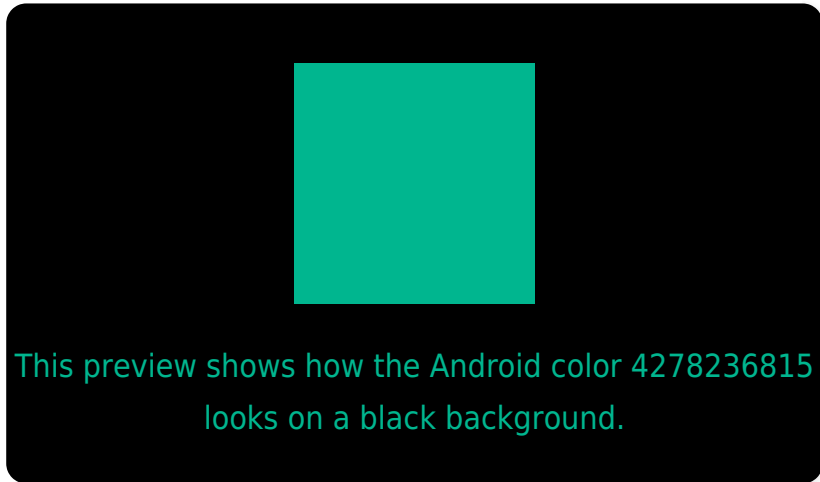
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4278236815 Background



This preview shows how black text looks on a background with the Android color 4278236815.

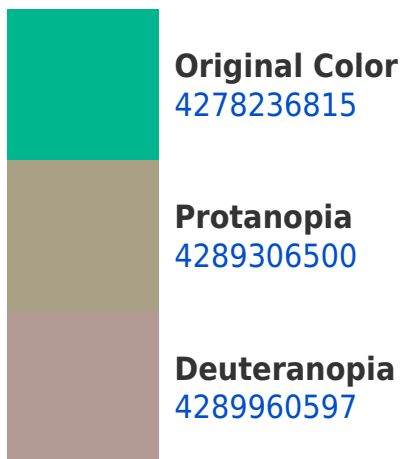


This preview shows how white text looks on a background with the Android color 4278236815.

# 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**

4278236815



**Protanomaly**

4285310856



**Deuteranomaly**

4285703315



**Tritanomaly**

4280595117

# Monochromacy



**Original Color**

4278236815



**Achromatopsia**

4286282619



**Achromatomaly**

4283338882

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278236815 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, 182, 143)` looks like.

```
.text, #text, p{  
    color:rgb(0, 182, 143)  
}
```

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, 182, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 182, 143) }
```

## Border

The CSS property to change the border of an element to Android 4278236815 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, 182, 143) }
```

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

```
.border{ border-color:rgb(0, 182, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 182, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 182, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 182, 143);  
box-shadow:4px 4px 4px 4px rgb(0, 182,  
143) }
```

# Background

The CSS property to change the background color of an element to Android 4278236815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 182, 143) }
```

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

```
.background{ background-color: rgb(0, 182,  
143) }
```

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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