

# Converting Colors

Android(4278235275)

Have a look what the booklet for  
Android(4278235275) contains.

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**Color**

**Android(4278235275)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B08B
RGB	0, 176, 139
RGB Percent	0%, 69%, 55%
CMY	1.0000, 0.3098, 0.4549
CMYK	1.00, 0.00, 0.21, 0.31
HSL	167°, 100%, 35%
HSV	167°, 100%, 69%
XYZ	20.1855, 32.9147, 29.7154
YIQ	119.1580, -93.0190, -48.8190

# Conversions

## Conversions Part 2

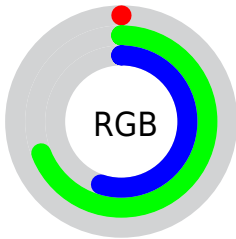
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 98, 176
Decimal	45195
CIELab	64.09, -46.91, 8.36
CIELCh	64, 47.651, 169.895
Yxy	32.9147, 0.2437, 0.3974
Android (android.graphics.Color)	4278235275 (0xFF00B08B)
YUV	119.1580, 9.7821, -104.5016
Hunter-Lab	57.3714, -37.5965, 9.4508

# Details

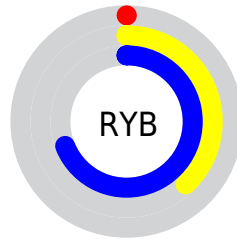
The Android color `4278235275` is a dark color, and the websafe version is hex `33CC99`. A complement of this color would be `4289724453`, and the grayscale version is `4286019447`.

A 20% lighter version of the original color is `4284410304`, and `4278221401` is the 20% darker color. If you saturate the color by 10%, you get `4278235275`, and if you desaturate by 10%, it is `4279414927`.

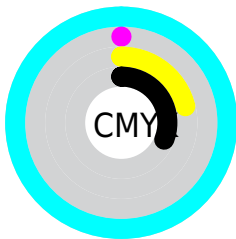
# Distribution



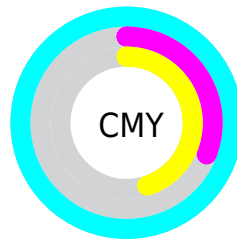
- Red (0%)
- Green (69%)
- Blue (55%)



- Red (0%)
- Yellow (38%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (31%)



- Cyan (100%)
- Magenta (31%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278235275 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 4278235275 by changing the saturation by 10% instead.





4278235275



4278235275

4294967295



4278228338



4284410304



4278221401



4286513116



4278214722



4288479225



4278208556



4290445311



4278202391



4292411391



4278195968



4294443007



4278190080




4278235275



4279414927

 4280529042

 4281708694

 4282822810

 4284002461

 4285182113

 4286296229

 4287475881

 4288589996

# Harmonies

## Analogous

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



4284984163



4278235275



4278235575

# Triad

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



4278235275



4287076075



4292772956

# Complementary

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



4278235275



4289724453

# 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.



4293622145



4278235275



4290938323

# Square

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



4278235275



4279411951



4293097900



4290876486

# Rectangle

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



4278235275



4278235089



4293097900



4293230695



# Sweetspot

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



4278235275



4288800471



4280725504



4283003754



4294111986



4285756275



# Same Dimension

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



4278235275



4278249141



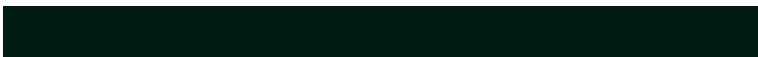
4278222512



4283455831



4278229369



4278196756



# Inverse Universe

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



4289724453



4293263408



4289737216



4284043346



4288217120

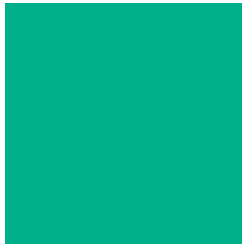


4279894021



# Previews

## White Background



This preview shows how the Android color 4278235275 looks on a white background.

## Color Contrast Check

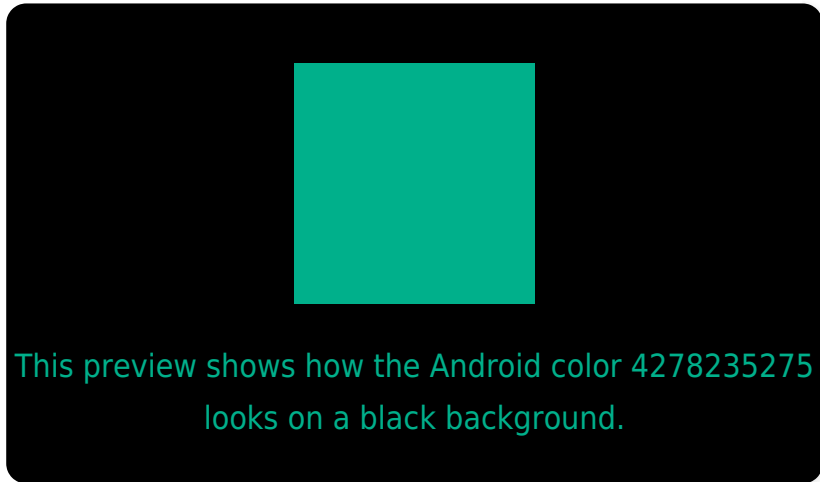
Large Text (above 18pt) WCAG AA × Fail

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 4278235275 Background



This preview shows how black text looks on a background with the Android color 4278235275.

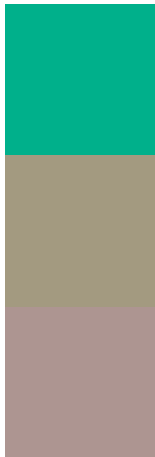


This preview shows how white text looks on a background with the Android color 4278235275.

# 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**  
4278235275

**Protanopia**  
4288912000

**Deuteranopia**  
4289566097



# Trichromacy



**Original Color**

4278235275



**Protanomaly**

4285047428



**Deuteranomaly**

4285439887



**Tritanomaly**

4280462504

# Monochromacy



**Original Color**

4278235275



**Achromatopsia**

4286019447



**Achromatomaly**

4283206782

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278235275 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, 176, 139)` looks like.

```
.text, #text, p{  
    color:rgb(0, 176, 139)  
}
```

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, 176, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 176, 139) }
```

## Border

The CSS property to change the border of an element to Android 4278235275 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, 176, 139) }
```

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

```
.border{ border-color:rgb(0, 176, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 176, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 176, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 176, 139);  
box-shadow:4px 4px 4px 4px rgb(0, 176,  
139) }
```

# Background

The CSS property to change the background color of an element to Android 4278235275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 176, 139) }
```

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

```
.background{ background-color: rgb(0, 176,  
139) }
```

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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