

# Converting Colors

Android(4278227350)

Have a look what the booklet for  
Android(4278227350) contains.

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# Color

**Android(4278227350)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009196
RGB	0, 145, 150
RGB Percent	0%, 57%, 59%
CMY	1.0000, 0.4314, 0.4118
CMYK	1.00, 0.03, 0.00, 0.41
HSL	182°, 100%, 29%
HSV	182°, 100%, 59%
XYZ	15.6304, 22.4528, 32.3642
YIQ	102.2150, -88.0250, -29.1850

# Conversions

## Conversions Part 2

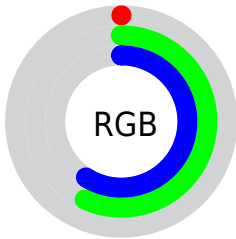
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 74, 150
Decimal	37270
CIELab	54.50, -29.96, -11.92
CIELCh	55, 32.245, 201.687
Yxy	22.4528, 0.2219, 0.3187
Android (android.graphics.Color)	4278227350 (0xFF009196)
YUV	102.2150, 23.5580, -89.6426
Hunter-Lab	47.3844, -24.0419, -7.3268

# Details

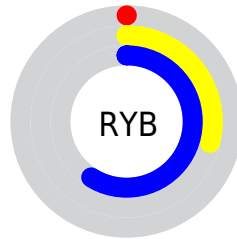
The Android color `4278227350` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288021760`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4284073932`, and `4278214243` is the 20% darker color. If you saturate the color by 10%, you get `4278227350`, and if you desaturate by 10%, it is `4279210646`.

# Distribution



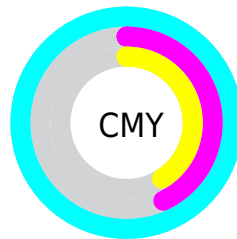
- Red (0%)
- Green (57%)
- Blue (59%)



- Red (0%)
- Yellow (29%)
- Blue (59%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (43%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278227350 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 4278227350 by changing the saturation by 10% instead.



 4278227350

 4278227350

4294967295

 4278220668

 4284073932

 4278214243

 4286047464


 4278208075

 4288020479

 4278202165

 4289921023

 4278196512

 4291887103

 4278190086


 4293853183

 4278190080

 4278227350

 4279210646

 4280193686

 4281176982

 4282160022

 4283143318

 4284126358

 4285109654

 4286092694

 4287075990

# Harmonies

## Analogous

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



4282028409



4278227350



4279013037

# Triad

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



4278227350



4288574629



4288380491

# Complementary

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



4278227350



4288021760

# 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.



4289754200



4278227350



4289949067

# Square

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



4278227350



4286217910



4290342511



4286613326

# Rectangle

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



4278227350



4281961143



4290342511



4288904014



# Sweetspot

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



4278227350



4287152322



4278228485



4282277985



4292927712



4284572001



# Same Dimension

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



4278227350



4278238146



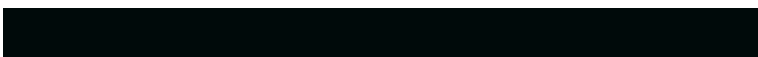
4278208150



4282600010



4278224266



4278192650



# Inverse Universe

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



4288020625



4290904251



4288040960



4283056970



4287234181



4278845450



# Previews

## White Background



This preview shows how the Android color 4278227350 looks on a white background.

## Color Contrast Check

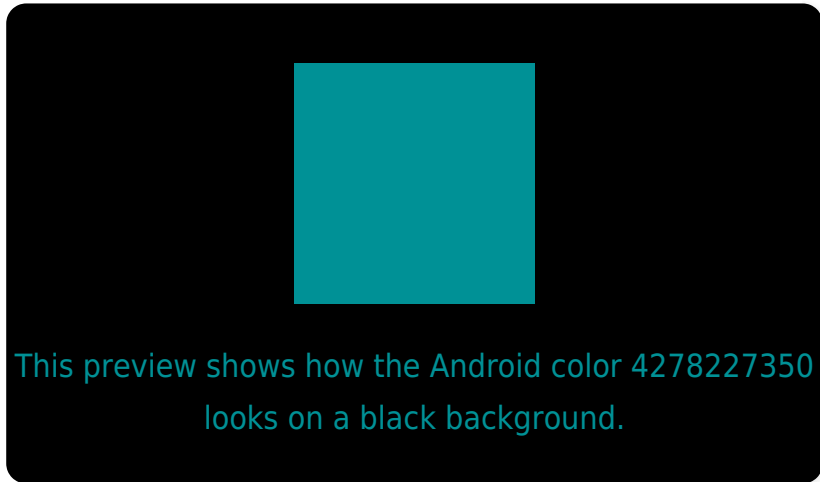
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



# Android 4278227350 Background



This preview shows how black text looks on a background with the Android color 4278227350.



This preview shows how white text looks on a background with the Android color 4278227350.

# 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**  
4278227350

**Protanopia**  
4286677388

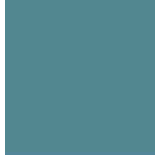
**Deuteranopia**  
4286807962



# Trichromacy



**Original Color**  
4278227350



**Protanomaly**  
4283598736



**Deuteranomaly**  
4283664025



**Tritanomaly**  
4279079066

# Monochromacy



**Original Color**  
4278227350



**Achromatopsia**  
4284900966



**Achromatomaly**  
4282480247

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278227350 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, 145, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 145, 150)  
}
```

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, 145, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 145, 150) }
```

## Border

The CSS property to change the border of an element to Android 4278227350 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, 145, 150) }
```

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

```
.border{ border-color:rgb(0, 145, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 145, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 145, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 145, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 145,  
150) }
```

# Background

The CSS property to change the background color of an element to Android 4278227350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 145, 150) }
```

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

```
.background{ background-color: rgb(0, 145,  
150) }
```

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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