

# Converting Colors

Android(4278227088)

Have a look what the booklet for  
Android(4278227088) contains.

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# Color

**Android(4278227088)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009090
RGB	0, 144, 144
RGB Percent	0%, 56%, 56%
CMY	1.0000, 0.4353, 0.4353
CMYK	1.00, 0.00, 0.00, 0.44
HSL	180°, 100%, 28%
HSV	180°, 100%, 56%
XYZ	15.0073, 21.9601, 29.8333
YIQ	100.9440, -85.8240, -30.5280

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 72, 144
Decimal	37008
CIELab	53.98, -31.41, -9.24
CIELCh	54, 32.743, 196.386
Yxy	21.9601, 0.2247, 0.3287
Android (android.graphics.Color)	4278227088 (0xFF009090)
YUV	100.9440, 21.2266, -88.5279
Hunter-Lab	46.8616, -24.8438, -4.9424

# Details

The Android color `4278227088` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4287627264`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4284008134`, and `4278213982` is the 20% darker color. If you saturate the color by 10%, you get `4278227088`, and if you desaturate by 10%, it is `4279144592`.

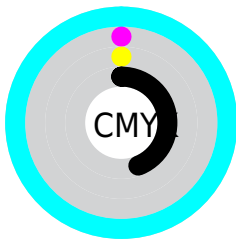
# Distribution



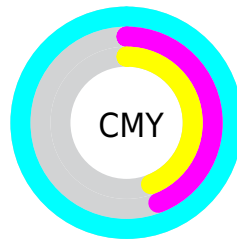
- Red (0%)
- Green (56%)
- Blue (56%)



- Red (0%)
- Yellow (28%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)



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

# Brightness & Saturation Gradients

These gradients show how the Android color 4278227088 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 4278227088 by changing the saturation by 10% instead.



 4278227088

 4278227088

4294967295

 4278220406

 4284008134

 4278213982

 4285981666


 4278207814

 4287889406

 4278201904

 4289855487

 4278195995

 4291756031

 4278190080

 4293722111

 4278227088

 4279144592

 4280127632

 4281045136

 4282028176

 4282945680

 4283863184

 4284846224

 4285763728

 4286746768

# Harmonies

## Analogous

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



4282290035



4278227088



4278226601

# Triad

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



4278227088



4288115880



4288641866

# Complementary

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



4278227088



4287627264

# 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.



4289818969



4278227088



4289752207

# Square

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



4278227088



4285628087



4290276211



4286874698

# Rectangle

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



4278227088



4280912564



4290276211



4289099854



# Sweetspot

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



4278227088



4286757562



4278226944



4282146398



4292796126



4284374622



# Same Dimension

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



4278227088



4278237882



4278208656



4282402631



4278224775



4278192136



# Inverse Universe

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



4287627408



4290379962



4287645696



4282859591



4287037575



4278714376



# Previews

## White Background



This preview shows how the Android color 4278227088 looks on a white background.

## Color Contrast Check

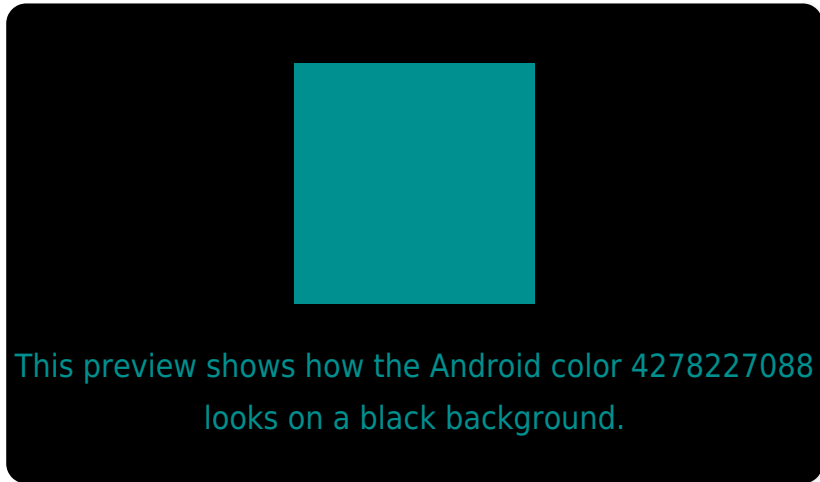
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278227088 Background



This preview shows how black text looks on a background with the Android color 4278227088.

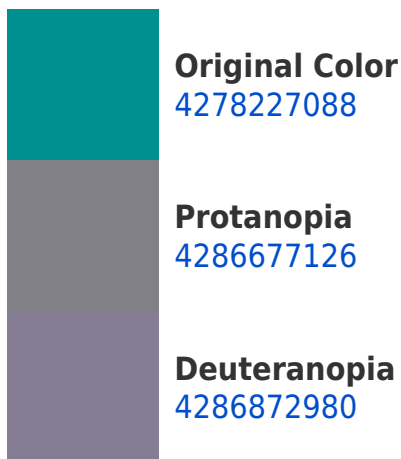


This preview shows how white text looks on a background with the Android color 4278227088.

# 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**

4278227088



**Protanomaly**

4283598474



**Deuteranomaly**

4283729043



**Tritanomaly**

4279340950

# Monochromacy



**Original Color**

4278227088



**Achromatopsia**

4284835173



**Achromatomaly**

4282414453

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278227088 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, 144, 144)` looks like.

```
.text, #text, p{  
    color:rgb(0, 144, 144)  
}
```

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, 144, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 144, 144) }
```

## Border

The CSS property to change the border of an element to Android 4278227088 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, 144, 144) }
```

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

```
.border{ border-color:rgb(0, 144, 144) }
```

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

Here you see how a box with a 4 pixel rgb(0, 144, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 144, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 144, 144);  
box-shadow:4px 4px 4px 4px rgb(0, 144,  
144) }
```

# Background

The CSS property to change the background color of an element to Android 4278227088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 144, 144) }
```

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

```
.background{ background-color: rgb(0, 144,  
144) }
```

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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