

# Converting Colors

Android(4278228620)

Have a look what the booklet for  
Android(4278228620) contains.

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# Color

**Android(4278228620)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00968C
RGB	0, 150, 140
RGB Percent	0%, 59%, 55%
CMY	1.0000, 0.4118, 0.4510
CMYK	1.00, 0.00, 0.07, 0.41
HSL	176°, 100%, 29%
HSV	176°, 100%, 59%
XYZ	15.6400, 23.7061, 28.5624
YIQ	104.0100, -86.1900, -34.9100

# Conversions

## Conversions Part 2

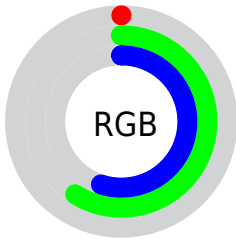
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 78, 150
Decimal	38540
CIELab	55.79, -35.46, -4.25
CIELCh	56, 35.713, 186.833
Yxy	23.7061, 0.2303, 0.3491
Android (android.graphics.Color)	4278228620 (0xFF00968C)
YUV	104.0100, 17.7431, -91.2168
Hunter-Lab	48.6890, -27.8675, -0.6990

# Details

The Android color `4278228620` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288020490`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4284009921`, and `4278215258` is the 20% darker color. If you saturate the color by 10%, you get `4278228620`, and if you desaturate by 10%, it is `4279211661`.

# Distribution



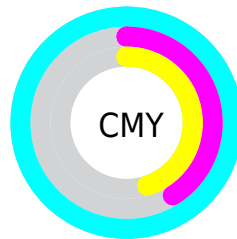
- Red (0%)
- Green (59%)
- Blue (55%)



- Red (0%)
- Yellow (31%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278228620 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 4278228620 by changing the saturation by 10% instead.



 4278228620

 4278228620

4294967295

 4278221939

 4284009921

 4278215258

 4286048733

 4278209091

 4287954938

 4278202925

 4289921023

 4278197528

 4291821567


 4278190080

 4293787647

 4278228620

 4279211661

 4280194702

 4281177743

 4282160784

 4283143825

 4284126866

 4285109907

 4286092948

 4287075989

# Harmonies

## Analogous

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



4283012204



4278228620



4278228394

# Triad

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



4278228620



4287790007



4289559373

# Complementary

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



4278228620



4288020490

# 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.



4290670946



4278228620



4289884575

# Square

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



4278228620



4284647107



4290866560



4287792711

# Rectangle

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



4278228620



4278227641



4290866560



4290017363



# Sweetspot

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



4278228620



4287152830



4278883840



4282278239



4292927712



4284572001



# Same Dimension

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



4278228620



4278239925



4278211990



4282600009



4278225537



4278192650



# Inverse Universe

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



4288020490



4290904077



4288037120



4283056963



4287234057

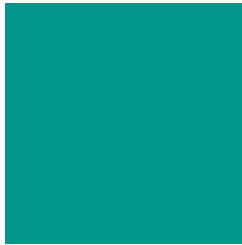


4278845441



# Previews

## White Background



This preview shows how the Android color 4278228620 looks on a white background.

## Color Contrast Check

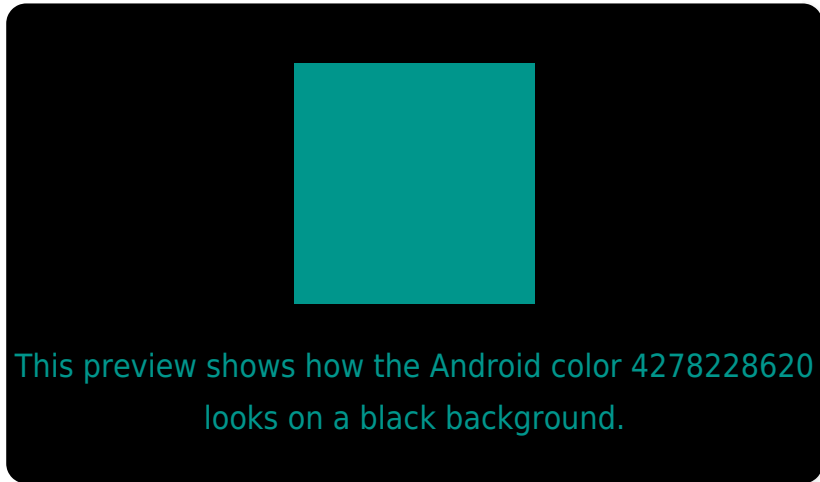
Large Text (above 18pt) WCAG AA ✓ Pass

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

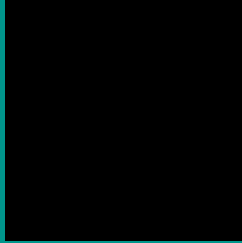
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4278228620 Background



This preview shows how black text looks on a background with the Android color 4278228620.

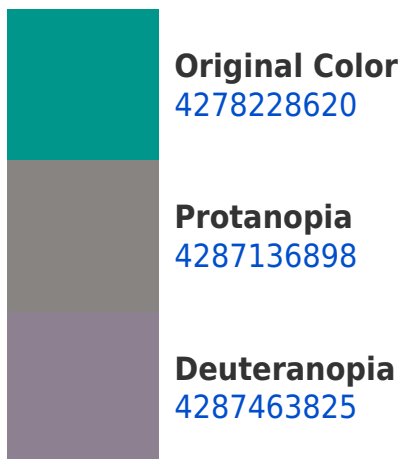


This preview shows how white text looks on a background with the Android color 4278228620.

# 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



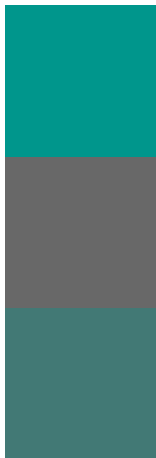
**Original Color**  
4278228620

**Protanomaly**  
4283927430

**Deuteranomaly**  
4284123535

**Tritanomaly**  
4279669912

# Monochromacy



**Original Color**  
4278228620

**Achromatopsia**  
4285032552

**Achromatomaly**  
4282546549

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278228620 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, 150, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 140)  
}
```

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, 150, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 140) }
```

## Border

The CSS property to change the border of an element to Android 4278228620 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, 150, 140) }
```

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

```
.border{ border-color:rgb(0, 150, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 150, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 140);  
box-shadow:4px 4px 4px 4px rgb(0, 150,  
140) }
```

# Background

The CSS property to change the background color of an element to Android 4278228620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 140) }
```

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

```
.background{ background-color: rgb(0, 150,  
140) }
```

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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