

# Converting Colors

Android(4278234820)

Have a look what the booklet for  
Android(4278234820) contains.

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# **Color**

**Android(4278234820)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00AEC4
RGB	0, 174, 196
RGB Percent	0%, 68%, 77%
CMY	1.0000, 0.3176, 0.2314
CMYK	1.00, 0.11, 0.00, 0.23
HSL	187°, 100%, 38%
HSV	187°, 100%, 77%
XYZ	25.0999, 34.2576, 57.5140
YIQ	124.4820, -110.7660, -30.0460

# Conversions

## Conversions Part 2

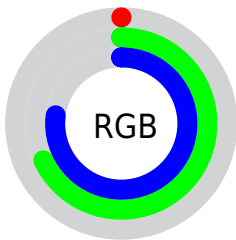
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 92, 196
Decimal	44740
CIELab	65.17, -29.07, -21.73
CIELCh	65, 36.294, 216.777
Yxy	34.2576, 0.2148, 0.2931
Android (android.graphics.Color)	4278234820 (0xFF00AEC4)
YUV	124.4820, 35.2584, -109.1707
Hunter-Lab	58.5300, -25.8801, -17.2898

# Details

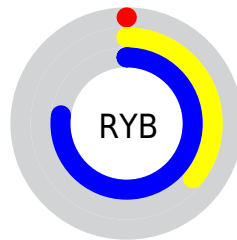
The Android color **4278234820** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **4291040768**, and the grayscale version is **4286348412**.

A 20% lighter version of the original color is **4284868349**, and **4278221198** is the 20% darker color. If you saturate the color by 10%, you get **4278234820**, and if you desaturate by 10%, it is **4279546052**.

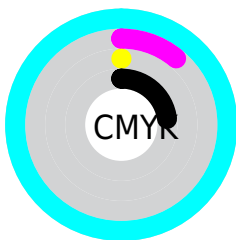
# Distribution



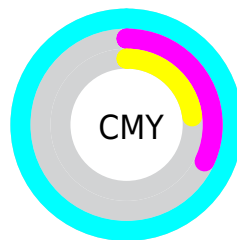
- Red (0%)
- Green (68%)
- Blue (77%)



- Red (0%)
- Yellow (36%)
- Blue (77%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (32%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278234820 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 4278234820 by changing the saturation by 10% instead.



 4278234820

 4278234820

4294967295

 4278227881

 4284868349

 4278221198

 4286971903

 4278214773

 4289003519

 4278208604

 4291035135

 4278202692

 4293066751

 4278197294

 4278190361

 4278190080

 4278234820

■ 4279546052

■ 4280791748

■ 4282103236

■ 4283348932

■ 4284660164

■ 4285971396

■ 4287217092

■ 4288528580

■ 4289774276

# Harmonies

## Analogous

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



4281512101



4278234820



4282427609

# Triad

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



4278234820



4291660216



4289503069

# Complementary

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



4278234820



4291040768

# 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.



4291400547



4278234820



4292707736

# Square

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



4278234820



4289500114



4292512121



4287211625

# Rectangle

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



4278234820



4285047519



4292512121



4290222941



# Sweetspot

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



4278234820



4289984255



4278240276



4283595392



4278190080



4286611584

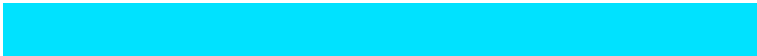


# Same Dimension

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



4278234820



4278248191



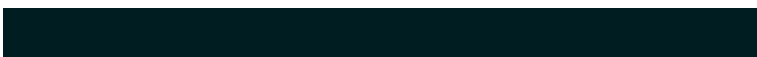
4278210244



4283916385



4278226849



4278197537



# Inverse Universe

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



4291035310



4294901986



4291065344



4284569440



4288741519



4280352797



# Previews

## White Background



This preview shows how the Android color 4278234820 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



This preview shows how the Android color 4278234820 looks on a 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 4278234820 Background



This preview shows how black text looks on a background with the Android color 4278234820.

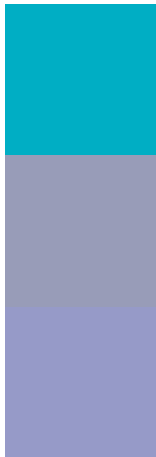


This preview shows how white text looks on a background with the Android color 4278234820.

# 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](#).

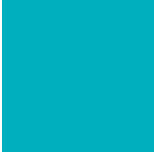
## Dichromacy



**Original Color**  
4278234820

**Protanopia**  
4288191672

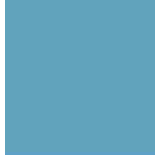
**Deuteranopia**  
4288060104



# Trichromacy



**Original Color**  
4278234820



**Protanomaly**  
4284588988



**Deuteranomaly**  
4284457415



**Tritanomaly**  
4278235072

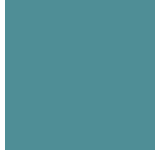
# Monochromacy



**Original Color**  
4278234820



**Achromatopsia**  
4286348412



**Achromatomaly**  
4283403926

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278234820 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, 174, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 174, 196)  
}
```

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, 174, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 174, 196) }
```

## Border

The CSS property to change the border of an element to Android 4278234820 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, 174, 196) }
```

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

```
.border{ border-color:rgb(0, 174, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 174, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 174, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 174, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 174,  
196) }
```

# Background

The CSS property to change the background color of an element to Android 4278234820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 174, 196) }
```

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

```
.background{ background-color: rgb(0, 174,  
196) }
```

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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