

# Converting Colors

Android(4278234576)

Have a look what the booklet for  
Android(4278234576) contains.

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**Color**

**Android(4278234576)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00ADD0
RGB	0, 173, 208
RGB Percent	0%, 68%, 82%
CMY	1.0000, 0.3216, 0.1843
CMYK	1.00, 0.17, 0.00, 0.18
HSL	190°, 100%, 41%
HSV	190°, 100%, 82%
XYZ	26.3287, 34.4412, 64.9347
YIQ	125.2630, -114.3430, -25.7910

# Conversions

## Conversions Part 2

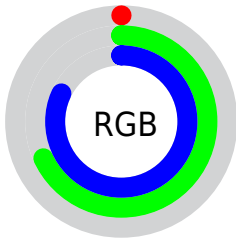
Format	Color
<a href="#">RYB</a>	0, 94, 208
Decimal	44496
CIELab	65.31, -24.54, -28.15
CIELCh	65, 37.349, 228.920
Yxy	34.4412, 0.2094, 0.2740
Android (android.graphics.Color)	4278234576 (0xFF00ADD0)
YUV	125.2630, 40.7893, -109.8557
Hunter-Lab	58.6866, -22.6207, -24.5216

# Details

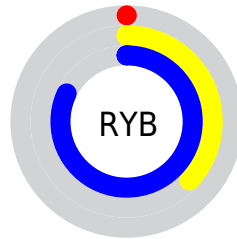
The Android color **4278234576** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **4291830528**, and the grayscale version is **4286414205**.

A 20% lighter version of the original color is **4284999167**, and **4278220953** is the 20% darker color. If you saturate the color by 10%, you get **4278234576**, and if you desaturate by 10%, it is **4279611856**.

# Distribution



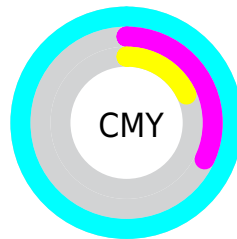
- Red (0%)
- Green (68%)
- Blue (82%)



- Red (0%)
- Yellow (37%)
- Blue (82%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (32%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278234576 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 4278234576 by changing the saturation by 10% instead.





4278234576



4278234576

4294967295



4278227636



4284999167



4278220953



4287102975



4278214527



4289200127



4278208358



4291231743



4278202446



4293263359



4278197559



4278190625



4278190087



4278190080

■ 4278234576

■ 4279611856

■ 4280988880

■ 4282300624

■ 4283677648

■ 4285054928

■ 4286431952

■ 4287808976

■ 4289120720

■ 4290497744

# Harmonies

## Analogous

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



4278694067



4278234576



4283868896

# Triad

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



4278234576



4292314796



4288652126

# Complementary

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



4278234576



4291830528

# 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.



4290746461



4278234576



4292904331

# Square

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



4278234576



4290547403



4292250989



4286163825

# Rectangle

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



4278234576



4286488288



4292250989



4289437787

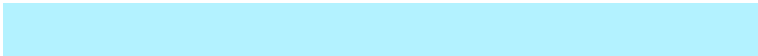


# Sweetspot

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



4278234576



4289983231



4278243363



4283594880



4278190080



4286611584

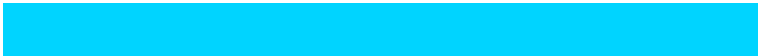


# Same Dimension

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



4278234576



4278244607



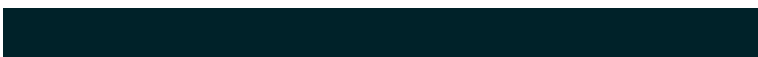
4278207952



4284376937



4278226088



4278198825



# Inverse Universe

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



4291821741



4294901972



4291857152



4285095527



4289200268



4280877090



# Previews

## White Background



This preview shows how the Android color 4278234576 looks on a white background.

## Color Contrast Check

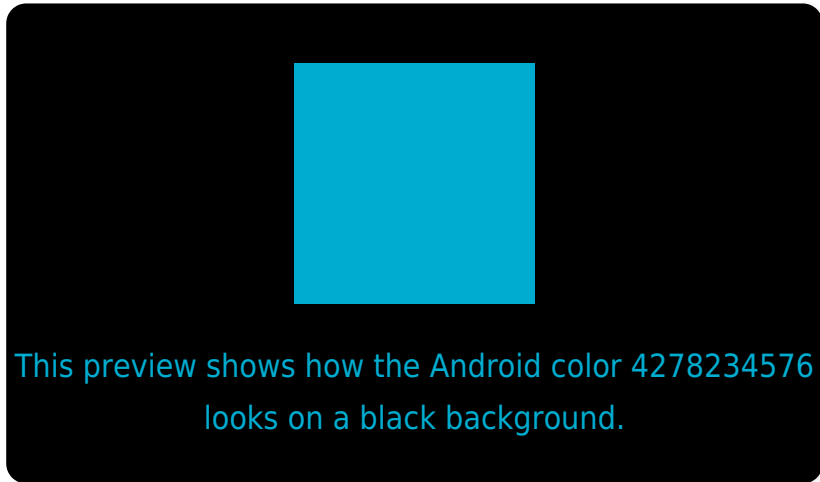
Large Text (above 18pt) WCAG AA × Fail

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 4278234576 Background



This preview shows how black text looks on a background with the Android color 4278234576.



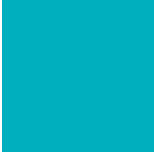
This preview shows how white text looks on a background with the Android color 4278234576.

# 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**

4278234576



**Protanomaly**

4284392136



**Deuteranomaly**

4284130003



**Tritanomaly**

4278234820

# Monochromacy



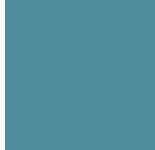
**Original Color**

4278234576



**Achromatopsia**

4286414205



**Achromatomaly**

4283469467

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278234576 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, 173, 208)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 208)  
}
```

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, 173, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 208) }
```

## Border

The CSS property to change the border of an element to Android 4278234576 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, 173, 208) }
```

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

```
.border{ border-color:rgb(0, 173, 208) }
```

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

Here you see how a box with a 4 pixel rgb(0, 173, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 208);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
208) }
```

# Background

The CSS property to change the background color of an element to Android 4278234576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 208) }
```

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

```
.background{ background-color: rgb(0, 173,  
208) }
```

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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