

# Converting Colors

Android(4278232749)

Have a look what the booklet for  
Android(4278232749) contains.

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**Color**

**Android(4278232749)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A6AD
RGB	0, 166, 173
RGB Percent	0%, 65%, 68%
CMY	1.0000, 0.3490, 0.3216
CMYK	1.00, 0.04, 0.00, 0.32
HSL	182°, 100%, 34%
HSV	182°, 100%, 68%
XYZ	21.1790, 30.2896, 44.2654
YIQ	117.1640, -101.1830, -33.0150

# Conversions

## Conversions Part 2

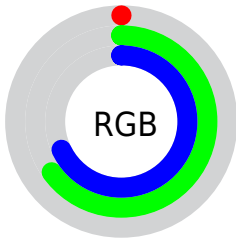
Format	Color
<a href="#">RYB</a>	0, 85, 173
Decimal	42669
CIELab	61.90, -32.66, -13.84
CIELCh	62, 35.475, 202.970
Yxy	30.2896, 0.2212, 0.3164
Android (android.graphics.Color)	4278232749 (0xFF00A6AD)
YUV	117.1640, 27.5271, -102.7528
Hunter-Lab	55.0360, -27.6222, -9.1617

# Details

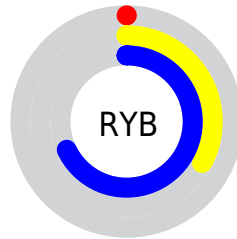
The Android color **4278232749** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **4289529600**, and the grayscale version is **4285887861**.

A 20% lighter version of the original color is **4284538596**, and **4278219129** is the 20% darker color. If you saturate the color by 10%, you get **4278232749**, and if you desaturate by 10%, it is **4279347117**.

# Distribution



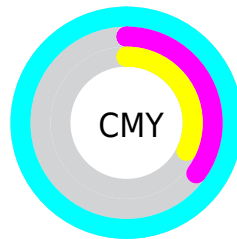
- Red (0%)
- Green (65%)
- Blue (68%)



- Red (0%)
- Yellow (33%)
- Blue (68%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (35%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278232749 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 4278232749 by changing the saturation by 10% instead.



 4278232749

 4278232749

4294967295

 4278225810

 4284538596

 4278219129

 4286577407

 4278212704

 4288610303

 4278206536

 4290576383

 4278200882

 4292542463

 4278193693


 4294574079

 4278190080

 4278232749

 4279347117

 4280526765

 4281641133

 4282755501

 4283935149

 4285049517

 4286163885

 4287278253

 4288457901

# Harmonies

## Analogous

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



4282558093



4278232749



4279739079

# Triad

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



4278232749



4290151868



4289827159

# Complementary

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



4278232749



4289529600

# 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.



4291331685



4278232749



4291657374

# Square

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



4278232749



4287533263



4292050559



4287798107

# Rectangle

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



4278232749



4282752721



4292050559



4290350426



# Sweetspot

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



4278232749



4288536288



4278234374



4282937200



4293980400



4285558896

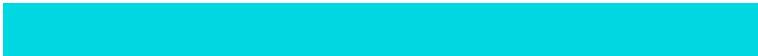


# Same Dimension

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



4278232749



4278245344



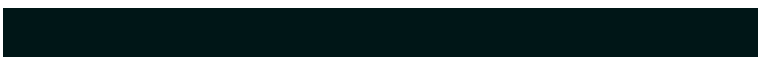
4278210989



4283323991



4278227094



4278195735



# Inverse Universe

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



4289527974



4292870359



4289551360



4283911766



4288020624



4279697430



# Previews

## White Background



This preview shows how the Android color 4278232749 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 4278232749 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 4278232749 Background



This preview shows how black text looks on a background with the Android color 4278232749.



This preview shows how white text looks on a background with the Android color 4278232749.

# 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**  
4278232749



**Protanomaly**  
4284390309



**Deuteranomaly**  
4284455344



**Tritanomaly**  
4279150001

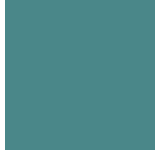
# Monochromacy



**Original Color**  
4278232749



**Achromatopsia**  
4285887861



**Achromatomaly**  
4283074441

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278232749 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, 166, 173)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 173)  
}
```

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, 166, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 173) }
```

## Border

The CSS property to change the border of an element to Android 4278232749 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, 166, 173) }
```

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

```
.border{ border-color:rgb(0, 166, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 166, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 166, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 166, 173);  
box-shadow:4px 4px 4px 4px rgb(0, 166,  
173) }
```

# Background

The CSS property to change the background color of an element to Android 4278232749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 166, 173) }
```

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

```
.background{ background-color: rgb(0, 166,  
173) }
```

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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