

# Converting Colors

Android(4278230701)

Have a look what the booklet for  
Android(4278230701) contains.

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# Color

**Android(4278230701)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009EAD
RGB	0, 158, 173
RGB Percent	0%, 62%, 68%
CMY	1.0000, 0.3804, 0.3216
CMYK	1.00, 0.09, 0.00, 0.32
HSL	185°, 100%, 34%
HSV	185°, 100%, 68%
XYZ	19.7697, 27.4708, 43.7956
YIQ	112.4680, -98.9830, -28.8310

# Conversions

## Conversions Part 2

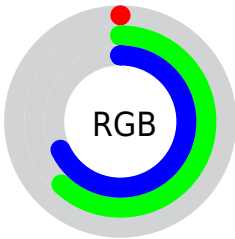
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 83, 173
Decimal	40621
CIELab	59.41, -28.78, -17.62
CIELCh	59, 33.749, 211.474
Yxy	27.4708, 0.2172, 0.3018
Android (android.graphics.Color)	4278230701 (0xFF009EAD)
YUV	112.4680, 29.8423, -98.6344
Hunter-Lab	52.4126, -24.3932, -12.8534

# Details

The Android color `4278230701` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289531648`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4284470756`, and `4278217337` is the 20% darker color. If you saturate the color by 10%, you get `4278230701`, and if you desaturate by 10%, it is `4279345069`.

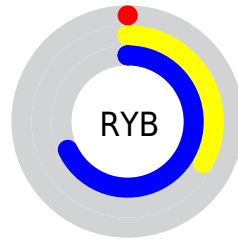
# Distribution



Red (0%)

Green (62%)

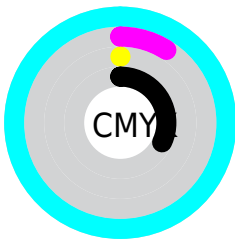
Blue (68%)



Red (0%)

Yellow (33%)

Blue (68%)

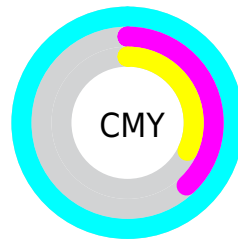


Cyan (100%)

Magenta (9%)

Yellow (0%)

Black (32%)



Cyan (100%)

Magenta (38%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278230701 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 4278230701 by changing the saturation by 10% instead.



 4278230701

 4278230701

4294967295

 4278224018

 4284470756

 4278217337

 4286509823

 4278210912

 4288479231

 4278205000

 4290445311

 4278199602

 4292411391

 4278190621


 4294443007

 4278190080

 4278230701

 4279345069

 4280525229

 4281639853

 4282754221

 4283934381

 4285048749

 4286163373

 4287277741

 4288457901

# Harmonies

## Analogous

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



4281638800



4278230701



4281309890

# Triad

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



4278230701



4290149804



4288777811

# Complementary

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



4278230701



4289531648

# 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.



4290347868



4278230701



4291262607

# Square

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



4278230701



4287924162



4291263346



4286748251

# Rectangle

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



4278230701



4283733449



4291263346



4289366612



# Sweetspot

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



4278230701



4288535520



4278234382



4282936688



4293980400



4285558896

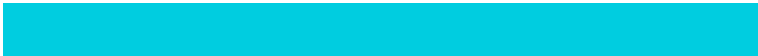


# Same Dimension

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



4278230701



4278242784



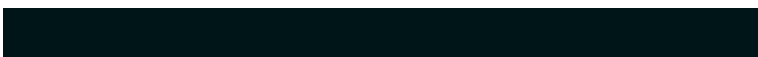
4278208685



4283323991



4278225302



4278195479



# Inverse Universe

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



4289527966



4292870349



4289553664



4283911766



4288020617



4279697429



# Previews

## White Background



This preview shows how the Android color 4278230701 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



This preview shows how the Android color 4278230701 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

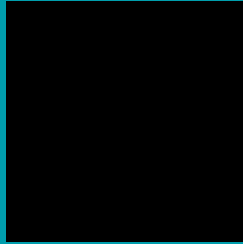
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4278230701 Background



This preview shows how black text looks on a background with the Android color 4278230701.



This preview shows how white text looks on a background with the Android color 4278230701.

# 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

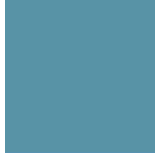




# Trichromacy



**Original Color**  
4278230701



**Protanomaly**  
4283995046



**Deuteranomaly**  
4283994800



**Tritanomaly**  
4278230700

# Monochromacy



**Original Color**  
4278230701



**Achromatopsia**  
4285558896



**Achromatomaly**  
4282876294

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278230701 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, 158, 173)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 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, 158, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 173) }
```

## Border

The CSS property to change the border of an element to Android 4278230701 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, 158, 173) }
```

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

```
.border{ border-color:rgb(0, 158, 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, 158, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 173);  
box-shadow:4px 4px 4px 4px rgb(0, 158,  
173) }
```

# Background

The CSS property to change the background color of an element to Android 4278230701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 173) }
```

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

```
.background{ background-color: rgb(0, 158,  
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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