

# Converting Colors

Android(4278230445)

Have a look what the booklet for  
Android(4278230445) contains.

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# Color

**Android(4278230445)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 009DAD                       |
| RGB         | 0, 157, 173                  |
| RGB Percent | 0%, 62%, 68%                 |
| CMY         | 1.0000, 0.3843, 0.3216       |
| CMYK        | 1.00, 0.09, 0.00, 0.32       |
| HSL         | 186°, 100%, 34%              |
| HSV         | 186°, 100%, 68%              |
| XYZ         | 19.5998, 27.1311, 43.7390    |
| YIQ         | 111.8810, -98.7080, -28.3080 |

# Conversions

## Conversions Part 2

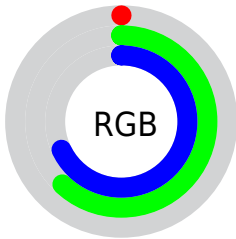
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 0, 82, 173                     |
| Decimal                             | 40365                          |
| CIELab                              | 59.10, -28.29, -18.10          |
| CIELCh                              | 59, 33.582, 212.606            |
| Yxy                                 | 27.1311, 0.2166,<br>0.2999     |
| Android<br>(android.graphics.Color) | 4278230445<br>(0xFF009DAD)     |
| YUV                                 | 111.8810, 30.1317,<br>-98.1196 |
| Hunter-Lab                          | 52.0875, -23.9861,<br>-13.3258 |

# Details

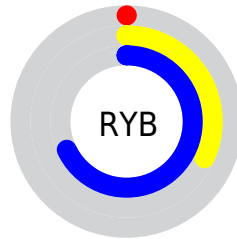
The Android color `4278230445` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289531904`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4284404964`, and `4278217081` is the 20% darker color. If you saturate the color by 10%, you get `4278230445`, and if you desaturate by 10%, it is `4279345069`.

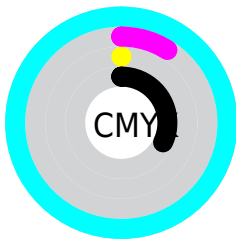
# Distribution



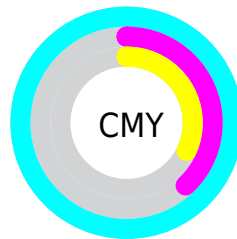
- Red (0%)
- Green (62%)
- Blue (68%)



- Red (0%)
- Yellow (32%)
- 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 4278230445 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 4278230445 by changing the saturation by 10% instead.



 4278230445

 4278230445

4294967295

 4278223762

 4284404964

 4278217081

 4286509311

 4278210912

 4288479231

 4278204744

 4290445311

 4278199346

 4292411391

 4278190621


 4294443007

 4278190080

 4278230445

 4279345069

 4280524973

 4281639597

 4282753965

 4283934125

 4285048749

 4286163117

 4287277741

 4288457645

# Harmonies

## Analogous

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



4281507472



4278230445



4281440450

# Triad

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



4278230445



4290084010



4288646483

# Complementary

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



4278230445



4289531904

# 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.



4290282331



4278230445



4291196813

# Square

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



4278230445



4287989440



4291197552



4286617179

# Rectangle

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



4278230445



4283864008



4291197552



4289235539



# Sweetspot

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



4278230445



4288535264



4278234382



4282936432



4293980400



4285558896



# Same Dimension

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



4278230445



4278242528



4278208685



4283323991



4278225302



4278195479



# Inverse Universe

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



4289527965



4292870348



4289553664



4283911766



4288020617



4279697429



# Previews

## White Background



This preview shows how the Android color 4278230445 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 4278230445 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

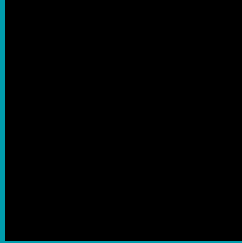
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4278230445 Background



This preview shows how black text looks on a background with the Android color 4278230445.



This preview shows how white text looks on a background with the Android color 4278230445.

# 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



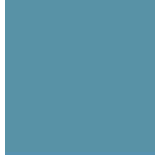


# Trichromacy



**Original Color**

4278230445



**Protanomaly**

4283994790



**Deuteranomaly**

4283929264



**Tritanomaly**

4278230443

# Monochromacy



**Original Color**

4278230445



**Achromatopsia**

4285558896



**Achromatomaly**

4282876038

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278230445 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, 157, 173)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 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, 157, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 173) }
```

## Border

The CSS property to change the border of an element to Android 4278230445 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, 157, 173) }
```

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

```
.border{ border-color:rgb(0, 157, 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, 157, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 173);  
box-shadow:4px 4px 4px 4px rgb(0, 157,  
173) }
```

# Background

The CSS property to change the background color of an element to Android 4278230445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 173) }
```

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

```
.background{ background-color: rgb(0, 157,  
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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