

# Converting Colors

Android(4278492851)

Have a look what the booklet for  
Android(4278492851) contains.

<b>Android(4278492851)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4278492851)**

# Conversions

## Conversions Part 1

Format	Color
Hex	049EB3
RGB	4, 158, 179
RGB Percent	2%, 62%, 70%
CMY	0.9843, 0.3804, 0.2980
CMYK	0.98, 0.12, 0.00, 0.30
HSL	187°, 96%, 36%
HSV	187°, 98%, 70%
XYZ	20.4136, 27.7342, 46.9252
YIQ	114.3480, -98.5250, -26.1170

# Conversions

## Conversions Part 2

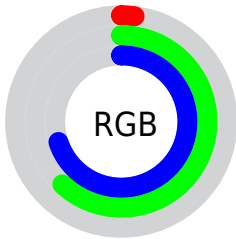
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 86, 179
Decimal	302771
CIELab	59.65, -26.64, -20.64
CIELCh	60, 33.699, 217.774
Yxy	27.7342, 0.2147, 0.2917
Android (android.graphics.Color)	4278492851 (0xFF049EB3)
YUV	114.3480, 31.8734, -96.7752
Hunter-Lab	52.6633, -22.9696, -15.9655

# Details

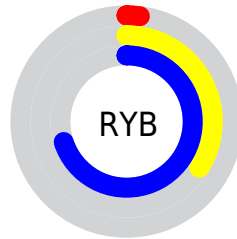
The Android color `4278492851` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289927428`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4284536299`, and `4278217342` is the 20% darker color. If you saturate the color by 10%, you get `4278230707`, and if you desaturate by 10%, it is `4279673011`.

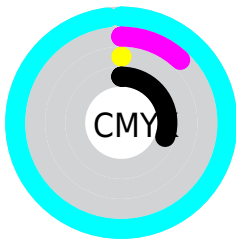
# Distribution



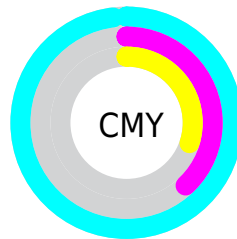
- Red (2%)
- Green (62%)
- Blue (70%)



- Red (2%)
- Yellow (34%)
- Blue (70%)



- Cyan (98%)
- Magenta (12%)
- Yellow (0%)
- Black (30%)



- Cyan (98%)
- Magenta (38%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278492851 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 4278492851 by changing the saturation by 10% instead.



 4278492851

 4278492851

4294967295

 4278224024

 4284536299

 4278217342

 4286640639

 4278211173

 4288610303

 4278205005

 4290576383

 4278199606

 4292607999

 4278190625

 4294574079

 4278190087

 4278190080

 4278492851

 4278492851

■ 4278230707

■ 4279673011

■ 4280853171

■ 4282033331

■ 4283213747

■ 4284393907

■ 4285508531

■ 4286688691

■ 4287868851

■ 4289049011

# Harmonies

## Analogous

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



4281049239



4278492851



4282161606

# Triad

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



4278492851



4290477223



4288450644

# Complementary

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



4278492851



4289927428

# 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.



4290152025



4278492851



4291393673

# Square

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



4278492851



4288513471



4291198317



4286355808

# Rectangle

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



4278492851



4284519370



4291198317



4289039700



# Sweetspot

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



4278492851



4289061096



4278498072



4283199605



4294309365



4285887861



# Same Dimension

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



4278492851



4278242536



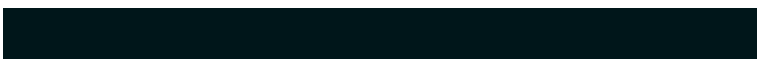
4278470579



4283455577



4278224793



4278195738



# Inverse Universe

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



4289922206



4293394636



4289949700



4284043352



4288217223



4279894038



# Previews

## White Background



This preview shows how the Android color 4278492851 looks on a white background.

## Color Contrast Check

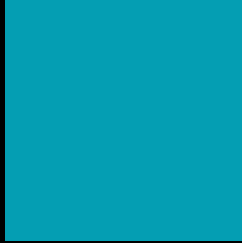
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278492851 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

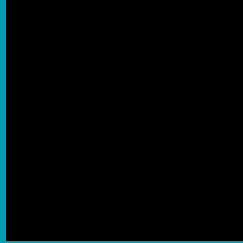
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4278492851 Background



This preview shows how black text looks on a background with the Android color 4278492851.

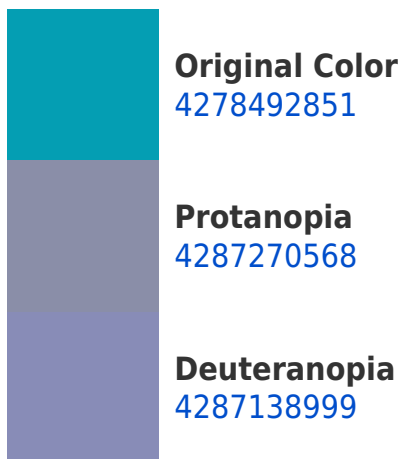


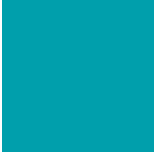
This preview shows how white text looks on a background with the Android color 4278492851.

# 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**  
4278492851



**Protanomaly**  
4284060844



**Deuteranomaly**  
4283995062



**Tritanomaly**  
4278296495

# Monochromacy



**Original Color**  
4278492851



**Achromatopsia**  
4285690482



**Achromatomaly**  
4283073162

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278492851 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(4, 158, 179)` looks like.

```
.text, #text, p{  
    color:rgb(4, 158, 179)  
}
```

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(4, 158, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 158, 179) }
```

## Border

The CSS property to change the border of an element to Android 4278492851 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(4, 158, 179) }
```

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

```
.border{ border-color:rgb(4, 158, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 158, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 158, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 158, 179);  
box-shadow:4px 4px 4px 4px rgb(4, 158,  
179) }
```

# Background

The CSS property to change the background color of an element to Android 4278492851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 158, 179) }
```

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

```
.background{ background-color: rgb(4, 158,  
179) }
```

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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