

# Converting Colors

Android(4278835590)

Have a look what the booklet for  
Android(4278835590) contains.

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# **Color**

**Android(4278835590)**

# Conversions

## Conversions Part 1

Format	Color
Hex	09D986
RGB	9, 217, 134
RGB Percent	4%, 85%, 53%
CMY	0.9647, 0.1490, 0.4745
CMYK	0.96, 0.00, 0.38, 0.15
HSL	156°, 92%, 44%
HSV	156°, 96%, 85%
XYZ	29.2286, 51.4050, 30.9359
YIQ	145.3460, -97.3250, -69.9090

# Conversions

## Conversions Part 2

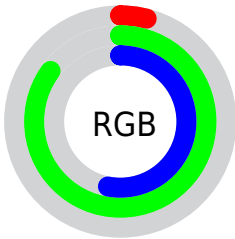
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 139, 217
Decimal	645510
CIELab	76.92, -63.04, 28.73
CIELCh	77, 69.283, 155.499
Yxy	51.4050, 0.2620, 0.4607
Android (android.graphics.Color)	4278835590 (0xFF09D986)
YUV	145.3460, -5.5936, -119.5754
Hunter-Lab	71.6973, -52.7018, 24.6057

# Details

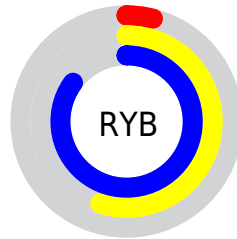
The Android color `4278835590` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4292413788`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4285267900`, and `4278231379` is the 20% darker color. If you saturate the color by 10%, you get `4278245762`, and if you desaturate by 10%, it is `4280277391`.

# Distribution



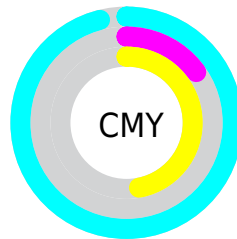
- Red (4%)
- Green (85%)
- Blue (53%)



- Red (4%)
- Yellow (55%)
- Blue (85%)



- Cyan (96%)
- Magenta (0%)
- Yellow (38%)
- Black (15%)



- Cyan (96%)
- Magenta (15%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4278835590 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 4278835590 by changing the saturation by 10% instead.



 4278835590

 4278835590

4294967295

 4278238316

 4285267900

 4278231379

 4287365080

 4278224187

 4289462260

 4278217508

 4291493887

 4278210828

 4293525503

 4278204672

 4278198272

 4278190080

 4278835590

 4278835590

■ 4278245762

■ 4280277391

■ 4281653655

■ 4283095456

■ 4284537257

■ 4285913521

■ 4287355322

■ 4288797123

■ 4290238923

■ 4291615188

# Harmonies

## Analogous

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



4287811406



4278835590



4278246856

# Triad

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



4278835590



4282630655



4294938231

# Complementary

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



4278835590



4292413788

# 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.



4294935221



4278835590



4291864831

# Square

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



4278835590



4278244351



4294938100



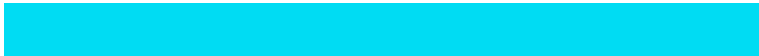
4294944582

# Rectangle

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



4278835590



4278246643



4294938100



4294936714

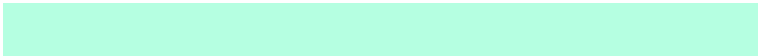


# Sweetspot

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



4278835590



4290117601



4284274953



4283662446



4278190080



4286611584



# Same Dimension

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



4278835590



4278255513



4278830297



4284706409



4278234472



4278201884



# Inverse Universe

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



4292413788



4294901862



4292419081



4285424487



4289527877

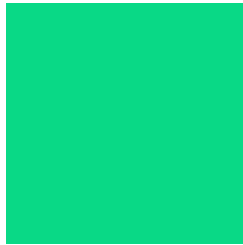


4281204754



# Previews

## White Background



This preview shows how the Android color 4278835590 looks on a white background.

## Color Contrast Check

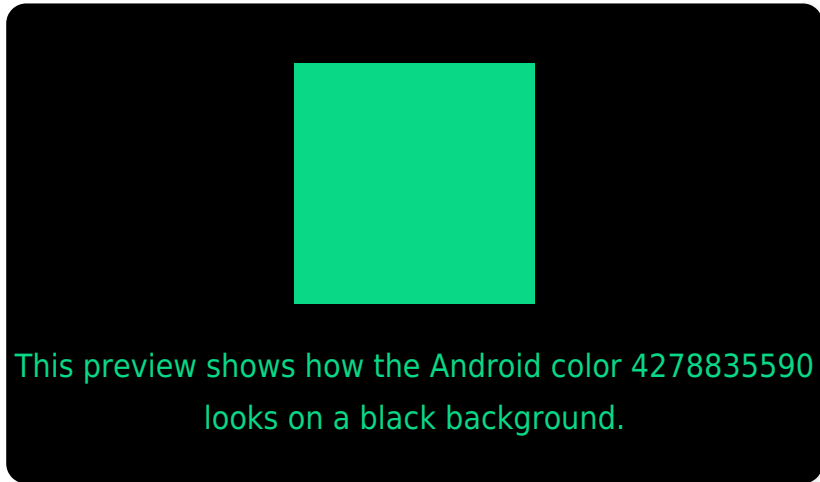
Large Text (above 18pt) WCAG AA × Fail

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

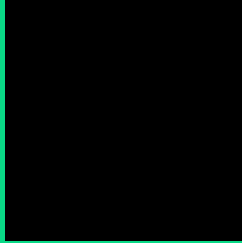
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4278835590 Background



This preview shows how black text looks on a background with the Android color 4278835590.

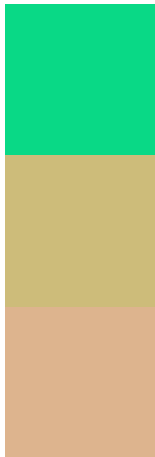


This preview shows how white text looks on a background with the Android color 4278835590.

# 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



**Original Color**  
4278835590

**Protanopia**  
4291673210

**Deuteranopia**  
4292719758



# Trichromacy



**Original Color**

4278835590



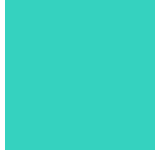
**Protanomaly**

4287022974



**Deuteranomaly**

4287676811



**Tritanomaly**

4281717439

# Monochromacy



**Original Color**

4278835590



**Achromatopsia**

4287730065



**Achromatomaly**

4284525453

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278835590 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(9, 217, 134)` looks like.

```
.text, #text, p{  
    color:rgb(9, 217, 134)  
}
```

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(9, 217, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 217, 134) }
```

## Border

The CSS property to change the border of an element to Android 4278835590 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(9, 217, 134) }
```

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

```
.border{ border-color:rgb(9, 217, 134) }
```

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

Here you see how a box with a 4 pixel rgb(9, 217, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 217, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 217, 134);  
box-shadow:4px 4px 4px 4px rgb(9, 217,  
134) }
```

# Background

The CSS property to change the background color of an element to Android 4278835590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 217, 134) }
```

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

```
.background{ background-color: rgb(9, 217,  
134) }
```

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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