

# Converting Colors

Android(4278561695)

Have a look what the booklet for  
Android(4278561695) contains.

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**Color**

**Android(4278561695)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05AB9F
RGB	5, 171, 159
RGB Percent	2%, 67%, 62%
CMY	0.9804, 0.3294, 0.3765
CMYK	0.97, 0.00, 0.07, 0.33
HSL	176°, 94%, 35%
HSV	176°, 97%, 67%
XYZ	20.8835, 31.6613, 37.8115
YIQ	119.9980, -95.0840, -38.9240

# Conversions

## Conversions Part 2

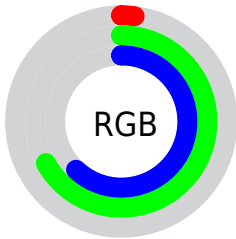
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 91, 171
Decimal	371615
CIELab	63.06, -39.07, -4.26
CIElCh	63, 39.305, 186.229
Yxy	31.6613, 0.2311, 0.3504
Android (android.graphics.Color)	4278561695 (0xFF05AB9F)
YUV	119.9980, 19.2280, -100.8532
Hunter-Lab	56.2684, -32.2209, -0.4541

# Details

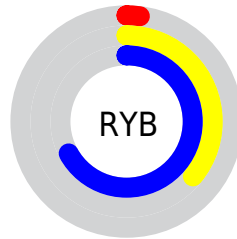
The Android color **4278561695** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **4289398033**, and the grayscale version is **4286085240**.

A 20% lighter version of the original color is **4284539862**, and **4278220396** is the 20% darker color. If you saturate the color by 10%, you get **4278234015**, and if you desaturate by 10%, it is **4279675808**.

# Distribution



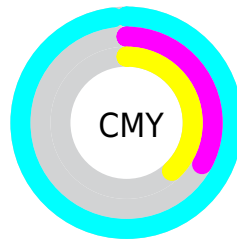
- Red (2%)
- Green (67%)
- Blue (62%)



- Red (2%)
- Yellow (36%)
- Blue (67%)



- Cyan (97%)
- Magenta (0%)
- Yellow (7%)
- Black (33%)



- Cyan (98%)
- Magenta (33%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278561695 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 4278561695 by changing the saturation by 10% instead.





4278561695



4278561695

4294967295



4278227077



4284539862



4278220396



4286578674



4278213716



4288610303



4278207549



4290576383



4278201639



4292542463



4278194963



4294508543



4278190080



4278561695



4278561695



4278234015



4279675808

 4280789921

 4281904035

 4283018148

 4284197797

 4285311910

 4286426024

 4287540137

 4288654250

# Harmonies

## Analogous

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



4283869563



4278561695



4278233537

# Triad

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



4278561695



4289105361



4291202393

# Complementary

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



4278561695



4289398033

# 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.



4292378993



4278561695



4291461557

# Square

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



4278561695



4285504222



4292574355



4289239378

# Rectangle

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



4278561695



4278232786



4292574355



4291660128



# Sweetspot

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



4278561695



4288601817



4279479045



4283002989



4293980400



4285558896



# Same Dimension

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



4278561695



4278247118



4278544043



4283324246



4278228620



4278195989



# Inverse Universe

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



4289398033



4292739088



4289415685



4283911759



4288020491

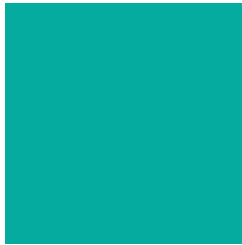


4279697410



# Previews

## White Background



This preview shows how the Android color 4278561695 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 4278561695 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

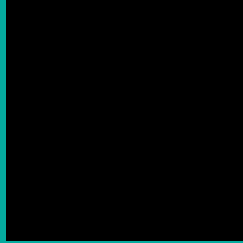
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4278561695 Background



This preview shows how black text looks on a background with the Android color 4278561695.

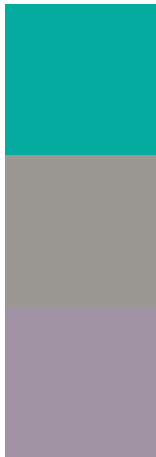


This preview shows how white text looks on a background with the Android color 4278561695.

# 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**  
4278561695

**Protanopia**  
4288386963

**Deuteranopia**  
4288779172



# Trichromacy



**Original Color**

4278561695



**Protanomaly**

4284784279



**Deuteranomaly**

4285045922



**Tritanomaly**

4280068525

# Monochromacy



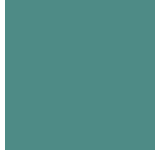
**Original Color**

4278561695



**Achromatopsia**

4286085240



**Achromatomaly**

4283337606

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278561695 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(5, 171, 159)` looks like.

```
.text, #text, p{  
    color:rgb(5, 171, 159)  
}
```

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(5, 171, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 171, 159) }
```

## Border

The CSS property to change the border of an element to Android 4278561695 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(5, 171, 159) }
```

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

```
.border{ border-color:rgb(5, 171, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 171, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 171, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 171, 159);  
box-shadow:4px 4px 4px 4px rgb(5, 171,  
159) }
```

# Background

The CSS property to change the background color of an element to Android 4278561695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 171, 159) }
```

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

```
.background{ background-color: rgb(5, 171,  
159) }
```

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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