

# Converting Colors

Android(4278560695)

Have a look what the booklet for  
Android(4278560695) contains.

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**Color**

**Android(4278560695)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05A7B7
RGB	5, 167, 183
RGB Percent	2%, 65%, 72%
CMY	0.9804, 0.3451, 0.2824
CMYK	0.97, 0.09, 0.00, 0.28
HSL	185°, 95%, 37%
HSV	185°, 97%, 72%
XYZ	22.4285, 31.0886, 49.6183
YIQ	120.3860, -101.6880, -29.3680

# Conversions

## Conversions Part 2

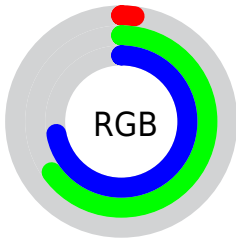
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">5, 90, 183</a>
Decimal	<a href="#">370615</a>
CIELab	<a href="#">62.58, -29.74, -18.42</a>
CIELCh	<a href="#">63, 34.983, 211.771</a>
Yxy	<a href="#">31.0886, 0.2175, 0.3014</a>
Android (android.graphics.Color)	<a href="#">4278560695</a> ( <a href="#">0xFF05A7B7</a> )
YUV	<a href="#">120.3860, 30.8687, -101.1935</a>
Hunter-Lab	<a href="#">55.7571, -25.7726, -13.7322</a>

# Details

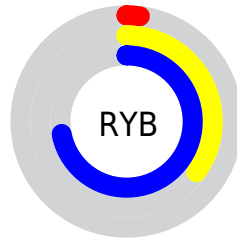
The Android color **4278560695** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **4290188549**, and the grayscale version is **4286085240**.

A 20% lighter version of the original color is **4284735471**, and **4278219394** is the 20% darker color. If you saturate the color by 10%, you get **4278233015**, and if you desaturate by 10%, it is **4279740855**.

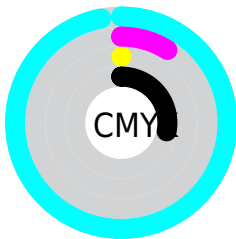
# Distribution



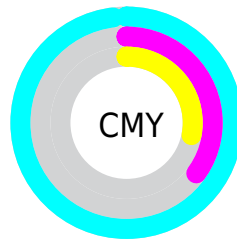
- Red (2%)
- Green (65%)
- Blue (72%)



- Red (2%)
- Yellow (35%)
- Blue (72%)



- Cyan (97%)
- Magenta (9%)
- Yellow (0%)
- Black (28%)



- Cyan (98%)
- Magenta (35%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278560695 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 4278560695 by changing the saturation by 10% instead.



 4278560695

 4278560695

4294967295

 4278226076

 4284735471

 4278219394

 4286774271

 4278213225

 4288806911

 4278207057

 4290772991

 4278201146

 4292804607

 4278194724

 4294770687

 4278190349

 4278190080

 4278560695

 4278560695

■ 4278233015

■ 4279740855

■ 4280986295

■ 4282166455

■ 4283346615

■ 4284592055

■ 4285772215

■ 4286952375

■ 4288132279

■ 4289377975

# Harmonies

## Analogous

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



4281903256



4278560695



4281639629

# Triad

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



4278560695



4290806965



4289369689

# Complementary

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



4278560695



4290188549

# 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.



4291070817



4278560695



4291985303

# Square

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



4278560695



4288516044



4291986040



4287209313

# Rectangle

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



4278560695



4284194260



4291986040



4289958746



# Sweetspot

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



4278560695



4289259501



4278564628



4283331704



4294440951



4286085240



# Same Dimension

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



4278560695



4278245613



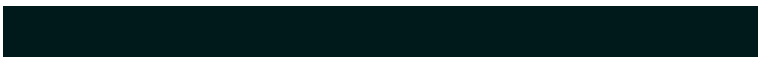
4278538167



4283652956



4278226588



4278196764



# Inverse Universe

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



4290184615



4293722328



4290211077



4284240731



4288413838



4280025114



# Previews

## White Background



This preview shows how the Android color 4278560695 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 4278560695 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 4278560695 Background



This preview shows how black text looks on a background with the Android color 4278560695.



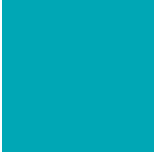
This preview shows how white text looks on a background with the Android color 4278560695.

# 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





**Tritanopia**  
4278233013

# Trichromacy



**Original Color**

4278560695



**Protanomaly**

4284456111



**Deuteranomaly**

4284455610



**Tritanomaly**

4278364086

# Monochromacy



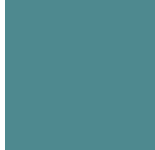
**Original Color**

4278560695



**Achromatopsia**

4286085240



**Achromatomaly**

4283337103

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278560695 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, 167, 183)` looks like.

```
.text, #text, p{  
    color:rgb(5, 167, 183)  
}
```

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, 167, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 167, 183) }
```

## Border

The CSS property to change the border of an element to Android 4278560695 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, 167, 183) }
```

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

```
.border{ border-color:rgb(5, 167, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 167, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 167, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 167, 183);  
box-shadow:4px 4px 4px 4px rgb(5, 167,  
183) }
```

# Background

The CSS property to change the background color of an element to Android 4278560695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 167, 183) }
```

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

```
.background{ background-color: rgb(5, 167,  
183) }
```

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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