

# Converting Colors

Android(4278830905)

Have a look what the booklet for  
Android(4278830905) contains.

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# **Color**

**Android(4278830905)**

# Conversions

## Conversions Part 1

Format	Color
Hex	09C739
RGB	9, 199, 57
RGB Percent	4%, 78%, 22%
CMY	0.9647, 0.2196, 0.7765
CMYK	0.95, 0.00, 0.71, 0.22
HSL	135°, 91%, 41%
HSV	135°, 95%, 78%
XYZ	21.2746, 41.2003, 10.7021
YIQ	126.0020, -67.6580, -84.4420

# Conversions

## Conversions Part 2

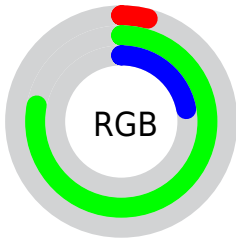
Format	Color
<b>RYB</b>	9, 161, 199
Decimal	640825
CIELab	70.32, -68.47, 56.52
CIELCh	70, 88.784, 140.460
Yxy	41.2003, 0.2907, 0.5630
Android (android.graphics.Color)	4278830905 (0xFF09C739)
YUV	126.0020, -34.0180, -102.6108
Hunter-Lab	64.1875, -53.1652, 35.0457

# Details

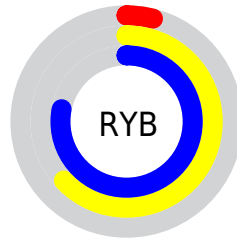
The Android color `4278830905` is a dark color, and the websafe version is hex `00CC33`. The color can be described as dark washed green. A complement of this color would be `4291234199`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4285071216`, and `4278226688` is the 20% darker color. If you saturate the color by 10%, you get `4278241074`, and if you desaturate by 10%, it is `4280141640`.

# Distribution



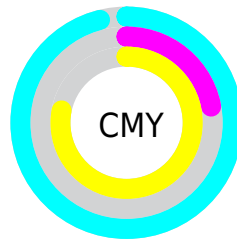
- Red (4%)
- Green (78%)
- Blue (22%)



- Red (4%)
- Yellow (63%)
- Blue (78%)



- Cyan (95%)
- Magenta (0%)
- Yellow (71%)
- Black (22%)



- Cyan (96%)
- Magenta (22%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278830905 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 4278830905 by changing the saturation by 10% instead.





4278830905



4278830905

4294967295



4278233882



4285071216



4278226688



4287168395



4278219776



4289200039



4278213120



4291231683



4278206720



4293263328



4278200576

4294967293



4278190592



4278190080



4278830905



4278830905

■ 4278241074

■ 4280141640

■ 4281452375

■ 4282763110

■ 4284073844

■ 4285319043

■ 4286629778

■ 4287940513

■ 4289251248

■ 4290561983

# Harmonies

## Analogous

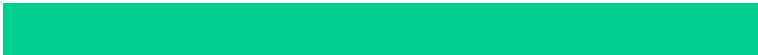
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288329984



4278830905



4278242959

# Triad

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



4278830905



4278238719



4294923129

# Complementary

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



4278830905



4291234199

# 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.



4294922697



4278830905



4284916479

# Square

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



4278830905



4278242303



4294081023



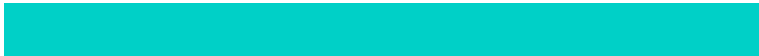
4294933035

# Rectangle

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



4278830905



4278243527



4294081023



4294921363

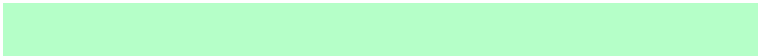


# Sweetspot

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



4278830905



4290117576



4288202505



4283662430



4278190080



4286611584



# Same Dimension

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



4278830905



4278255424



4278831000



4284113756



4278231849



4278199305



# Inverse Universe

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



4291234199



4294901951



4291234104



4284701281



4288872570

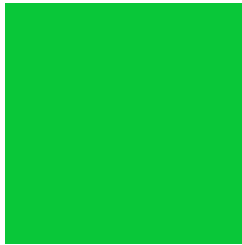


4280549403



# Previews

## White Background



This preview shows how the Android color 4278830905 looks on a white background.

## Color Contrast Check

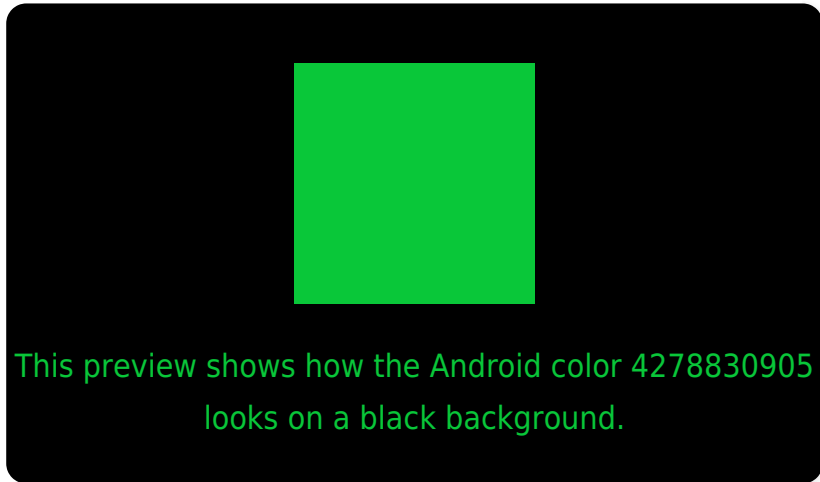
Large Text (above 18pt) WCAG AA × Fail

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

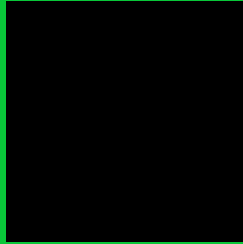
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4278830905 Background



This preview shows how black text looks on a background with the Android color 4278830905.



This preview shows how white text looks on a background with the Android color 4278830905.

# 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**

4278830905



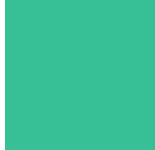
**Protanomaly**

4286428469



**Deuteranomaly**

4287278913



**Tritanomaly**

4281843605

# Monochromacy



**Original Color**

4278830905



**Achromatopsia**

4286479998



**Achromatomaly**

4283668837

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278830905 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, 199, 57)` looks like.

```
.text, #text, p{  
    color:rgb(9, 199, 57)  
}
```

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, 199, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 199, 57) }
```

## Border

The CSS property to change the border of an element to Android 4278830905 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, 199, 57) }
```

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

```
.border{ border-color:rgb(9, 199, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 199, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 199, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 199, 57);  
box-shadow:4px 4px 4px 4px rgb(9, 199, 57)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278830905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 199, 57) }
```

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

```
.background{ background-color: rgb(9, 199,  
57) }
```

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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