

# Converting Colors

Android(4278749440)

Have a look what the booklet for  
Android(4278749440) contains.

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# Color

**Android(4278749440)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	088900
RGB	8, 137, 0
RGB Percent	3%, 54%, 0%
CMY	0.9686, 0.4627, 1.0000
CMYK	0.94, 0.00, 1.00, 0.46
HSL	116°, 100%, 27%
HSV	116°, 100%, 54%
XYZ	9.0458, 17.9429, 2.9866
YIQ	82.8110, -32.9070, -69.9550

# Conversions

## Conversions Part 2

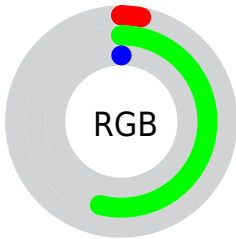
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 137, 129
Decimal	559360
CIELab	49.43, -53.73, 52.49
CIELCh	49, 75.113, 135.669
Yxy	17.9429, 0.3018, 0.5986
Android (android.graphics.Color)	4278749440 (0xFF088900)
YUV	82.8110, -40.8258, -65.6092
Hunter-Lab	42.3591, -36.0097, 25.4711

# Details

The Android color `4278749440` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4286644361`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4283940930`, and `4278211840` is the 20% darker color. If you saturate the color by 10%, you get `4278749440`, and if you desaturate by 10%, it is `4279601422`.

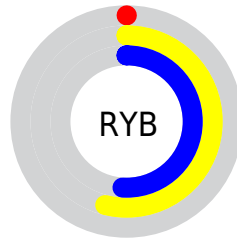
# Distribution



Red (3%)

Green (54%)

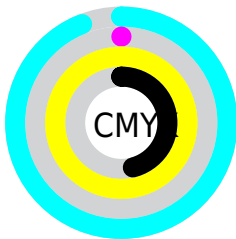
Blue (0%)



Red (0%)

Yellow (54%)

Blue (51%)

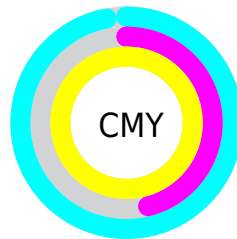


Cyan (94%)

Magenta (0%)

Yellow (100%)

Black (46%)



Cyan (97%)

Magenta (46%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278749440 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 4278749440 by changing the saturation by 10% instead.



 4278749440

 4278749440

4294967295

 4278218496

 4283940930

 4278211840

 4285848668


 4278205696

 4287756663

 4278199808

 4289658770

 4278190080

 4291624878

 4293590986

 4294967271

 4278749440

 4279601422

 4280453403

 4281305385

 4282157367

 4283009349

 4283795794

 4284647776

 4285499758

 4286351739

# Harmonies

## Analogous

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



4285562112



4278749440



4278226772

# Triad

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



4278749440



4278224626



4293074519

# Complementary

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



4278749440



4286644361

# 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.



4292224919



4278749440



4278219506

# Square

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



4278749440



4278226896



4288696784



4291839512

# Rectangle

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



4278749440



4278227072



4288696784



4293007212



# Sweetspot

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



4278749440



4286624637



4287201280



4282079545



4292467161



4284045657



# Same Dimension

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



4278749440



4278891264



4278225211



4282271038



4278748416



4278191360



# Inverse Universe

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



4286644361



4289200307



4287168590



4282662469



4286382213

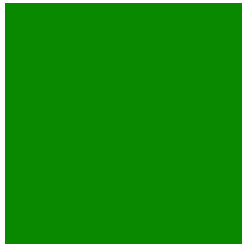


4278517765



# Previews

## White Background



This preview shows how the Android color 4278749440 looks on a white background.

## Color Contrast Check

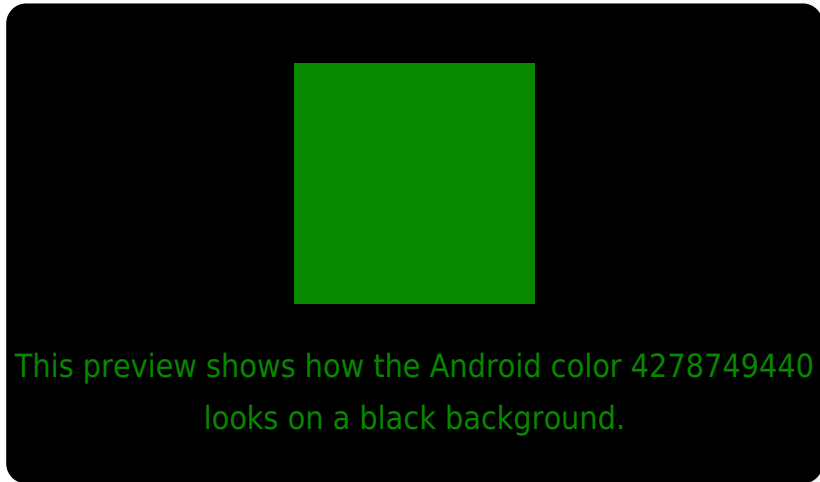
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

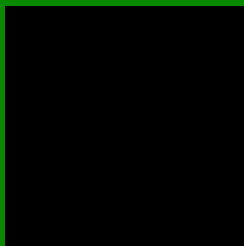
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4278749440 Background



This preview shows how black text looks on a background with the Android color 4278749440.



This preview shows how white text looks on a background with the Android color 4278749440.

# 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**

4278749440

**Protanopia**

4286870784

**Deuteranopia**

4287852318



# Trichromacy



**Original Color**

4278749440



**Protanomaly**

4283923456



**Deuteranomaly**

4284512275



**Tritanomaly**

4280845144

# Monochromacy



**Original Color**

4278749440



**Achromatopsia**

4283650899



**Achromatomaly**

4281886517

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278749440 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(8, 137, 0)` looks like.

```
.text, #text, p{  
    color:rgb(8, 137, 0)  
}
```

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(8, 137, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 137, 0) }
```

## Border

The CSS property to change the border of an element to Android 4278749440 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(8, 137, 0) }
```

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

```
.border{ border-color:rgb(8, 137, 0) }
```

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

Here you see how a box with a 4 pixel rgb(8, 137, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 137, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 137, 0); box-shadow:4px  
4px 4px 4px rgb(8, 137, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4278749440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 137, 0) }
```

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

```
.background{ background-color: rgb(8, 137,  
0) }
```

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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