

# Converting Colors

Android(4279485749)

Have a look what the booklet for  
Android(4279485749) contains.

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**Color**

**Android(4279485749)**

# Conversions

## Conversions Part 1

Format	Color
Hex	13C535
RGB	19, 197, 53
RGB Percent	7%, 77%, 21%
CMY	0.9255, 0.2275, 0.7922
CMYK	0.90, 0.00, 0.73, 0.23
HSL	131°, 82%, 42%
HSV	131°, 90%, 77%
XYZ	20.8774, 40.3280, 10.0519
YIQ	127.3620, -59.8640, -82.5200

# Conversions

## Conversions Part 2

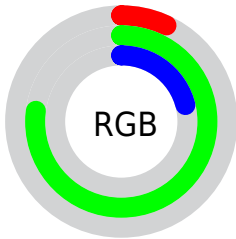
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">19, 168, 197</a>
Decimal	<a href="#">1295669</a>
CIELab	<a href="#">69.70, -67.73, 57.37</a>
CIELCh	<a href="#">70, 88.759, 139.731</a>
Yxy	<a href="#">40.3280, 0.2930, 0.5659</a>
Android (android.graphics.Color)	<a href="#">4279485749 (0xFF13C535)</a>
YUV	<a href="#">127.3620, -36.6605, -95.0335</a>
Hunter-Lab	<a href="#">63.5043, -52.4497, 35.0682</a>

# Details

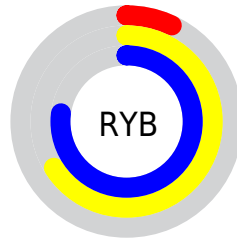
The Android color `4279485749` is a dark color, and the websafe version is hex `33CC33`. The color can be described as dark washed green. A complement of this color would be `4291105699`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4285202284`, and `4278226176` is the 20% darker color. If you saturate the color by 10%, you get `4278240550`, and if you desaturate by 10%, it is `4280796485`.

# Distribution



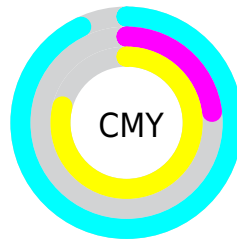
- Red (7%)
- Green (77%)
- Blue (21%)



- Red (7%)
- Yellow (66%)
- Blue (77%)



- Cyan (90%)
- Magenta (0%)
- Yellow (73%)
- Black (23%)



- Cyan (93%)
- Magenta (23%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279485749 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 4279485749 by changing the saturation by 10% instead.





4279485749



4279485749

4294967295



4278233364



4285202284



4278226176



4287299464



4278219520



4289331107



4278212864



4291297216



4278206464



4293328860



4278200064



4294967290



4278190080



4279485749



4279485749



4278240550



4280796485

 4282041685

 4283352421


 4284663157

 4285973893

 4287219093

 4288529829

 4289840564

 4291085764

# Harmonies

## Analogous

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



4288394752



4279485749



4278242443

# Triad

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



4279485749



4278238463



4294922361

# Complementary

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



4279485749



4291105699

# Split Complementary

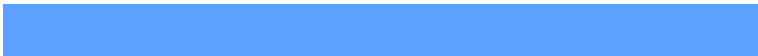
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294922442



4279485749



4284326399

# Square

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



4279485749



4278242047



4293818879



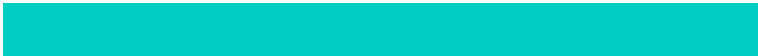
4294932523

# Rectangle

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



4279485749



4278243011



4293818879



4294920596

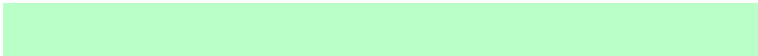


# Sweetspot

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



4279485749



4290445255



4288988435



4283924574



4278190080



4286611584



# Same Dimension

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



4279485749



4278255409



4279485837



4284113755



4278231839



4278199303



# Inverse Universe

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



4291105699



4294901966



4291105611



4284701282



4288872580

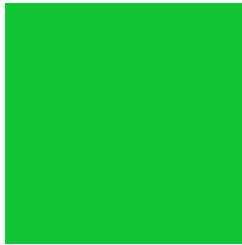


4280549405



# Previews

## White Background



This preview shows how the Android color 4279485749 looks on a white background.

## Color Contrast Check

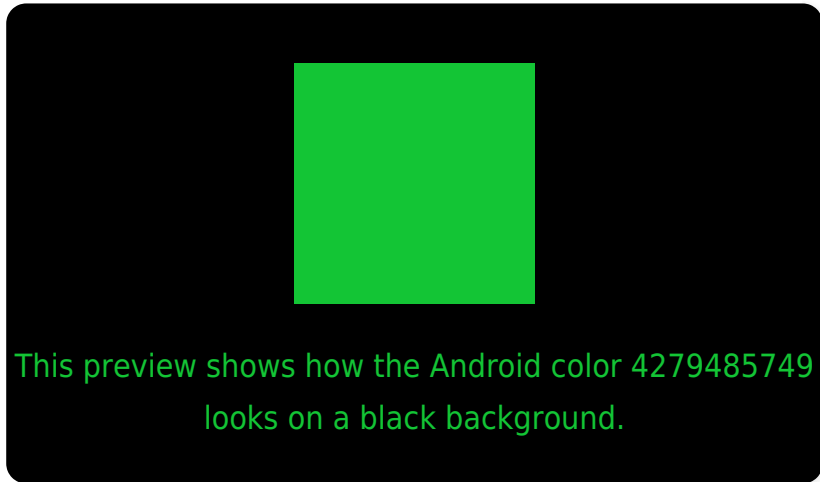
Large Text (above 18pt) WCAG AA × Fail

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 4279485749 Background



This preview shows how black text looks on a background with the Android color 4279485749.



This preview shows how white text looks on a background with the Android color 4279485749.

# 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



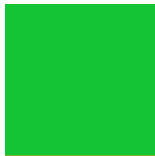
**Original Color**  
4279485749

**Protanopia**  
4290619694

**Deuteranopia**  
4291993667



# Trichromacy



**Original Color**

4279485749



**Protanomaly**

4286559025



**Deuteranomaly**

4287475006



**Tritanomaly**

4282105234

# Monochromacy



**Original Color**

4279485749



**Achromatopsia**

4286545791



**Achromatomaly**

4283996260

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279485749 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(19, 197, 53)` looks like.

```
.text, #text, p{  
    color:rgb(19, 197, 53)  
}
```

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(19, 197, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 197, 53) }
```

## Border

The CSS property to change the border of an element to Android 4279485749 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(19, 197, 53) }
```

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

```
.border{ border-color:rgb(19, 197, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 197, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 197, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 197, 53);  
box-shadow:4px 4px 4px 4px rgb(19, 197,  
53) }
```

# Background

The CSS property to change the background color of an element to Android 4279485749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 197, 53) }
```

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

```
.background{ background-color: rgb(19, 197,  
53) }
```

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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