

# Converting Colors

Android(4284011359)

Have a look what the booklet for  
Android(4284011359) contains.

<b>Android(4284011359)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4284011359)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58D35F
RGB	88, 211, 95
RGB Percent	35%, 83%, 37%
CMY	0.6549, 0.1725, 0.6275
CMYK	0.58, 0.00, 0.55, 0.17
HSL	123°, 58%, 59%
HSV	123°, 58%, 83%
XYZ	29.3843, 49.4895, 18.8302
YIQ	160.9990, -36.0720, -62.1520

# Conversions

## Conversions Part 2

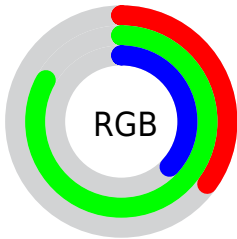
Format	Color
<a href="#">RYB</a>	<a href="#">88, 204, 211</a>
Decimal	<a href="#">5821279</a>
CIELab	<a href="#">75.75, -57.41, 46.77</a>
CIELCh	<a href="#">76, 74.047, 140.830</a>
Yxy	<a href="#">49.4895, 0.3007, 0.5065</a>
Android (android.graphics.Color)	<a href="#">4284011359</a> ( <a href="#">0xFF58D35F</a> )
YUV	<a href="#">160.9990, -32.5375, -64.0201</a>
Hunter-Lab	<a href="#">70.3487, -48.5517, 33.3740</a>

# Details

The Android color **4284011359** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **4292040908**, and the grayscale version is **4288782753**.

A 20% lighter version of the original color is **4287954836**, and **4278229803** is the 20% darker color. If you saturate the color by 10%, you get **4282635083**, and if you desaturate by 10%, it is **4285387635**.

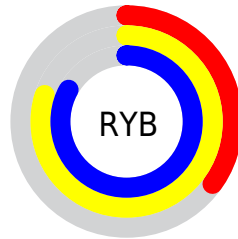
# Distribution



Red (35%)

Green (83%)

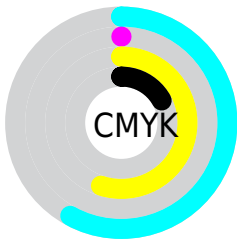
Blue (37%)



Red (35%)

Yellow (80%)

Blue (83%)

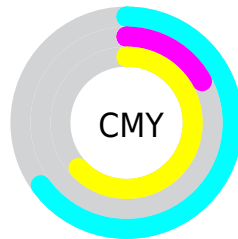


Cyan (58%)

Magenta (0%)

Yellow (55%)

Black (17%)



Cyan (65%)

Magenta (17%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284011359 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 4284011359 by changing the saturation by 10% instead.



 4284011359

 4284011359

4294967295

 4281841477

 4287954836

 4278229803

 4289920944

 4278222860

 4291887052

 4278216192

 4293853160

 4278209792

 4278203648

 4278197504


 4278190080

 4284011359

 4284011359

 4282635083

 4285387635

 4281258807

 4286763911

 4279882531

 4288140187

 4278506255

 4289516463

 4278244108

 4290958274

 4292334550

 4293710826

 4294956030

 4294956031

# Harmonies

## Analogous

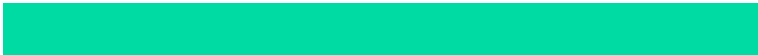
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4289709609



4284011359



4278246051

# Triad

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



4284011359



4278241791



4294933646

# Complementary

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



4284011359



4292040908

# 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.



4294933459



4284011359



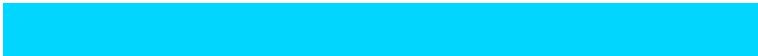
4287869439

# Square

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



4284011359



4278245119



4294546431



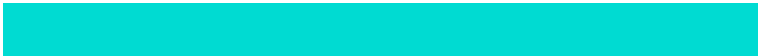
4294939729

# Rectangle

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



4284011359



4278246354



4294546431



4294932645

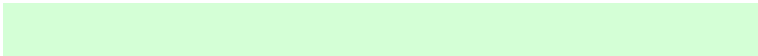


# Sweetspot

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



4284011359



4292149206



4291679064



4284907623



4278190080



4286611584



# Same Dimension

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



4284011359



4283301719



4284011420



4284377439



4278233098



4278200578



# Inverse Universe

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



4292040908



4294921717



4292040847



4285095528



4289200287



4280877094



# Previews

## White Background



This preview shows how the Android color 4284011359 looks on a white background.

## Color Contrast Check

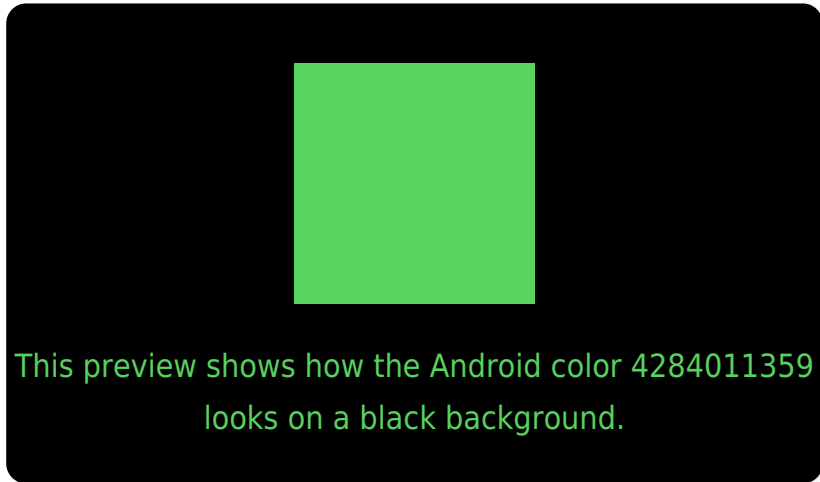
Large Text (above 18pt) WCAG AA × Fail

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

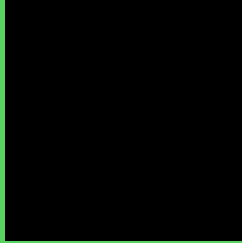
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4284011359 Background



This preview shows how black text looks on a background with the Android color 4284011359.



This preview shows how white text looks on a background with the Android color 4284011359.

# 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**  
4284011359

**Protanopia**  
4291672407

**Deuteranopia**  
4293046632



# Trichromacy



**Original Color**  
4284011359



**Protanomaly**  
4288856666



**Deuteranomaly**  
4289772901



**Tritanomaly**  
4285189035

# Monochromacy



**Original Color**  
4284011359



**Achromatopsia**  
4288782753



**Achromatomaly**  
4287017865

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284011359 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(88, 211, 95)` looks like.

```
.text, #text, p{  
    color:rgb(88, 211, 95)  
}
```

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(88, 211, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 211, 95) }
```

## Border

The CSS property to change the border of an element to Android 4284011359 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(88, 211, 95) }
```

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

```
.border{ border-color:rgb(88, 211, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 211, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 211, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 211, 95);  
box-shadow:4px 4px 4px 4px rgb(88, 211,  
95) }
```

# Background

The CSS property to change the background color of an element to Android 4284011359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 211, 95) }
```

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

```
.background{ background-color: rgb(88, 211,  
95) }
```

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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