

# Converting Colors

Android(4283549498)

Have a look what the booklet for  
Android(4283549498) contains.

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# **Color**

**Android(4283549498)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51C73A
RGB	81, 199, 58
RGB Percent	32%, 78%, 23%
CMY	0.6824, 0.2196, 0.7725
CMYK	0.59, 0.00, 0.71, 0.22
HSL	110°, 56%, 50%
HSV	110°, 71%, 78%
XYZ	24.5805, 42.9017, 10.9883
YIQ	147.6440, -25.0670, -68.8670

# Conversions

## Conversions Part 2

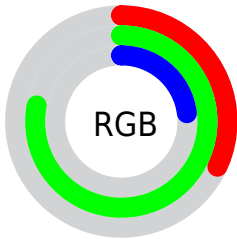
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 199, 176
Decimal	5359418
CIELab	71.49, -58.55, 57.73
CIELCh	71, 82.220, 135.404
Yxy	42.9017, 0.3132, 0.5467
Android (android.graphics.Color)	4283549498 (0xFF51C73A)
YUV	147.6440, -44.1945, -58.4468
Hunter-Lab	65.4994, -47.6367, 35.9029

# Details

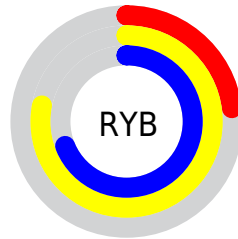
The Android color **4283549498** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **4289739463**, and the grayscale version is **4287927444**.

A 20% lighter version of the original color is **4287561585**, and **4278226944** is the 20% darker color. If you saturate the color by 10%, you get **4282435366**, and if you desaturate by 10%, it is **4284663630**.

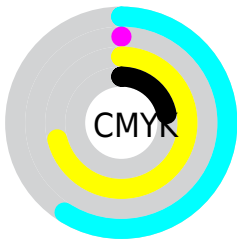
# Distribution



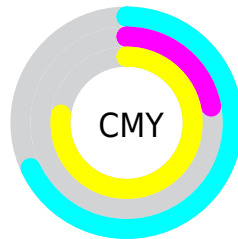
- Red (32%)
- Green (78%)
- Blue (23%)



- Red (23%)
- Yellow (78%)
- Blue (69%)



- Cyan (59%)
- Magenta (0%)
- Yellow (71%)
- Black (22%)



- Cyan (68%)
- Magenta (22%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283549498 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 4283549498 by changing the saturation by 10% instead.



 4283549498

 4283549498

4294967295

 4281248539

 4287561585

 4278226944

 4289527692

 4278220032

 4291428264

 4278213376

 4293394372

 4278206976

 4294967265

 4278201344

 4278192640


 4278190080

 4283549498

 4283549498

 4282435366

 4284663630

 4281386770

 4285712226


 4280338176

 4286826358

 4287940490

 4288989086

 4290103217

 4291217349

 4292265945

 4293380077

# Harmonies

## Analogous

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



4289574912



4283549498



4278243207

# Triad

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



4283549498



4278239999



4294926476

# Complementary

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



4283549498



4289739463

# 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.



4294928087



4283549498



4283411455

# Square

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



4283549498



4278243071



4293036287



4294933830

# Rectangle

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



4283549498



4278243771



4293036287



4294925733

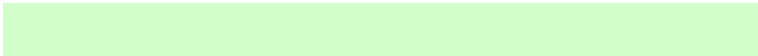


# Sweetspot

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



4283549498



4292018121



4291276858



4284842080



4278190080



4286611584



# Same Dimension

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



4283549498



4283105062



4282042217



4284179290



4280001280



4278592512



# Inverse Universe

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



4289739463



4292617983



4291246744



4284635747



4287168675



4280156196



# Previews

## White Background



This preview shows how the Android color 4283549498 looks on a white background.

## Color Contrast Check

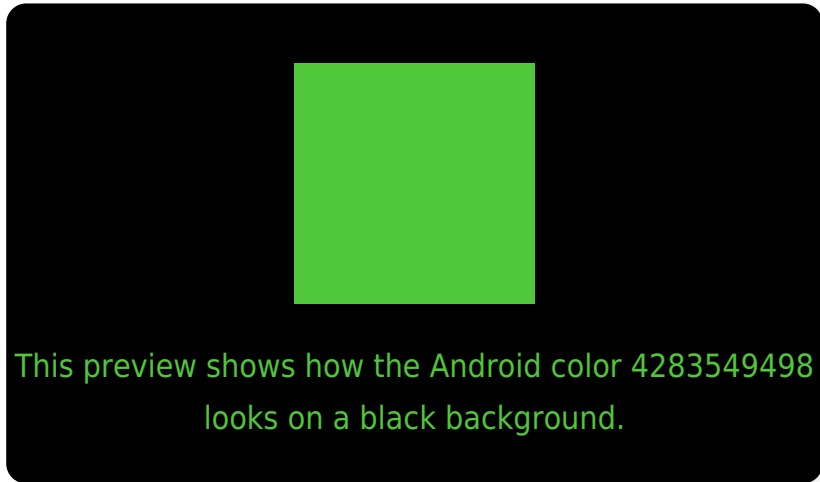
Large Text (above 18pt) WCAG AA × Fail

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

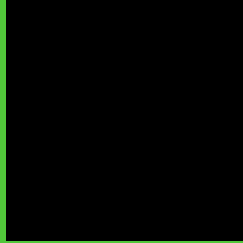
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

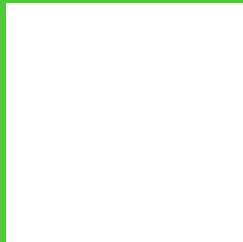
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283549498 Background



This preview shows how black text looks on a background with the Android color 4283549498.



This preview shows how white text looks on a background with the Android color 4283549498.

# 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



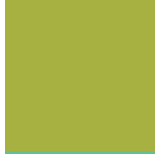
**Original Color**

4283549498



**Protanomaly**

4288329526



**Deuteranomaly**

4289179970



**Tritanomaly**

4284792725

# Monochromacy



**Original Color**

4283549498



**Achromatopsia**

4287927444



**Achromatomaly**

4286359411

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283549498 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(81, 199, 58)` looks like.

```
.text, #text, p{  
    color:rgb(81, 199, 58)  
}
```

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(81, 199, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 199, 58) }
```

## Border

The CSS property to change the border of an element to Android 4283549498 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(81, 199, 58) }
```

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

```
.border{ border-color:rgb(81, 199, 58) }
```

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

Here you see how a box with a 4 pixel rgb(81, 199, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 199, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 199, 58);  
box-shadow:4px 4px 4px 4px rgb(81, 199,  
58) }
```

# Background

The CSS property to change the background color of an element to Android 4283549498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 199, 58) }
```

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

```
.background{ background-color: rgb(81, 199,  
58) }
```

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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