

# Converting Colors

Android(4284203883)

Have a look what the booklet for  
Android(4284203883) contains.

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# **Color**

**Android(4284203883)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BC36B
RGB	91, 195, 107
RGB Percent	36%, 76%, 42%
CMY	0.6431, 0.2353, 0.5804
CMYK	0.53, 0.00, 0.45, 0.24
HSL	129°, 46%, 56%
HSV	129°, 53%, 76%
XYZ	26.4833, 42.3159, 20.6819
YIQ	153.8720, -33.7360, -49.4160

# Conversions

## Conversions Part 2

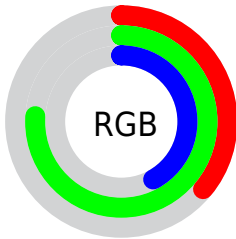
Format	Color
<a href="#">RYB</a>	<a href="#">91, 181, 195</a>
Decimal	<a href="#">6013803</a>
CIELab	<a href="#">71.09, -48.81, 35.18</a>
CIELCh	<a href="#">71, 60.167, 144.212</a>
Yxy	<a href="#">42.3159, 0.2960, 0.4729</a>
Android (android.graphics.Color)	<a href="#">4284203883 (0xFF5BC36B)</a>
YUV	<a href="#">153.8720, -23.1079, -55.1387</a>
Hunter-Lab	<a href="#">65.0507, -41.1680, 26.6851</a>

# Details

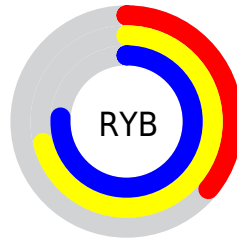
The Android color `4284203883` is a dark color, and the websafe version is hex `66CC66`. The color can be described as dark muted spring green. A complement of this color would be `4290993075`, and the grayscale version is `4288322202`.

A 20% lighter version of the original color is `4287954080`, and `4279864377` is the 20% darker color. If you saturate the color by 10%, you get `4282958682`, and if you desaturate by 10%, it is `4285449083`.

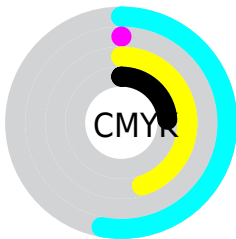
# Distribution



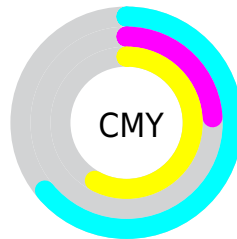
- Red (36%)
- Green (76%)
- Blue (42%)



- Red (36%)
- Yellow (71%)
- Blue (76%)



- Cyan (53%)
- Magenta (0%)
- Yellow (45%)
- Black (24%)



- Cyan (64%)
- Magenta (24%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284203883 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 4284203883 by changing the saturation by 10% instead.



 4284203883

 4284203883

4294967295

 4282230610

 4287954080

 4279864377

 4289855419

 4278219297

 4291755991

 4278212870

 4293722100

 4278206464

 4278201088

 4278191872


 4278190080

 4284203883

 4284203883

 4282958682

 4285449083

 4281647946

 4286759820

 4280337209

 4288005020

 4279092009

 4289315757

 4278240030

 4290560957

 4291871694

 4293116894

 4294427631

 4294951935

# Harmonies

## Analogous

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



4288723011



4284203883



4278241441

# Triad

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



4284203883



4278237183



4294934916

# Complementary

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



4284203883



4290993075

# 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.



4294934203



4284203883



4288587007

# Square

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



4284203883



4278240255



4293365231



4294808406

# Rectangle

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



4284203883



4278241735



4293365231



4294933910

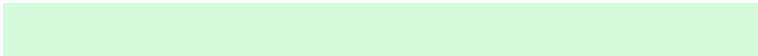


# Sweetspot

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



4284203883



4292148442



4289971035



4284973163



4278190080



4286611584



# Same Dimension

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



4284203883



4284218484



4284203935



4283916633



4278231321



4278198533



# Inverse Universe

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



4290993075



4294728676



4290993023



4284569439



4288741512



4280352796



# Previews

## White Background



This preview shows how the Android color 4284203883 looks on a white background.

## Color Contrast Check

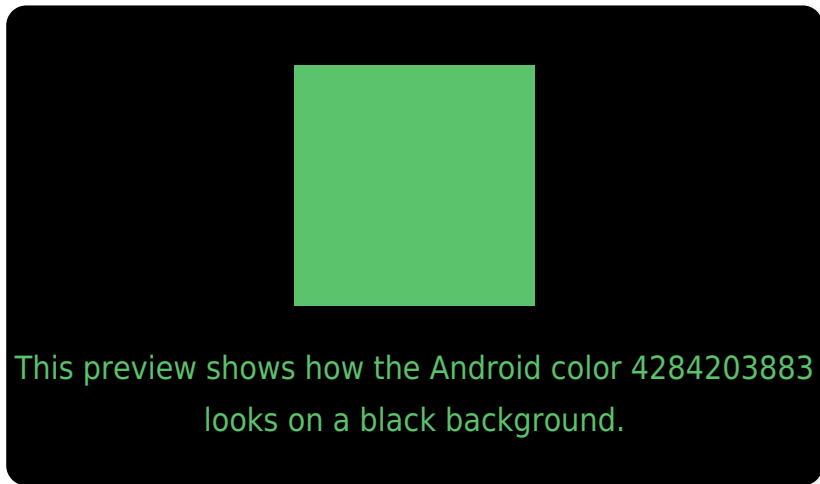
Large Text (above 18pt) WCAG AA × Fail

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 4284203883 Background



This preview shows how black text looks on a background with the Android color 4284203883.



This preview shows how white text looks on a background with the Android color 4284203883.

# 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**

4284203883



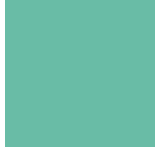
**Protanomaly**

4288329062



**Deuteranomaly**

4289048687



**Tritanomaly**

4285119654

# Monochromacy



**Original Color**

4284203883



**Achromatopsia**

4288322202



**Achromatomaly**

4286818697

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284203883 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(91, 195, 107)` looks like.

```
.text, #text, p{  
    color:rgb(91, 195, 107)  
}
```

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(91, 195, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 195, 107) }
```

## Border

The CSS property to change the border of an element to Android 4284203883 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(91, 195, 107) }
```

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

```
.border{ border-color:rgb(91, 195, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 195, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 195, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 195, 107);  
box-shadow:4px 4px 4px 4px rgb(91, 195,  
107) }
```

# Background

The CSS property to change the background color of an element to Android 4284203883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 195, 107) }
```

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

```
.background{ background-color: rgb(91, 195,  
107) }
```

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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