

# Converting Colors

Android(4285251385)

Have a look what the booklet for  
Android(4285251385) contains.

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# **Color**

**Android(4285251385)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BBF39
RGB	107, 191, 57
RGB Percent	42%, 75%, 22%
CMY	0.5804, 0.2510, 0.7765
CMYK	0.44, 0.00, 0.70, 0.25
HSL	98°, 54%, 49%
HSV	98°, 70%, 75%
XYZ	25.4327, 40.6828, 10.3830
YIQ	150.6080, -7.0500, -59.4820

# Conversions

## Conversions Part 2

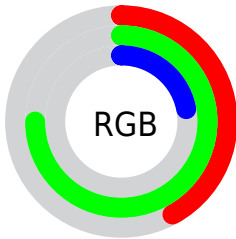
Format	Color
<a href="#">RYB</a>	<a href="#">57, 191, 141</a>
Decimal	<a href="#">7061305</a>
CIELab	<a href="#">69.95, -48.29, 56.82</a>
CIELCh	<a href="#">70, 74.570, 130.360</a>
Yxy	<a href="#">40.6828, 0.3325, 0.5318</a>
Android (android.graphics.Color)	<a href="#">4285251385 (0xFF6BBF39)</a>
YUV	<a href="#">150.6080, -46.1487, -38.2442</a>
Hunter-Lab	<a href="#">63.7831, -40.4457, 34.9965</a>

# Details

The Android color `4285251385` is a dark color, and the websafe version is hex `66CC33`. A complement of this color would be `4287445439`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4289001583`, and `4281305344` is the 20% darker color. If you saturate the color by 10%, you get `4284464934`, and if you desaturate by 10%, it is `4286037836`.

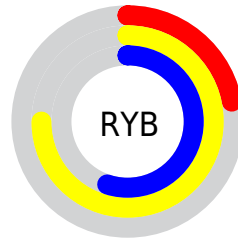
# Distribution



Red (42%)

Green (75%)

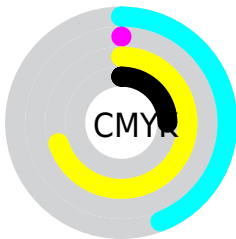
Blue (22%)



Red (22%)

Yellow (75%)

Blue (55%)

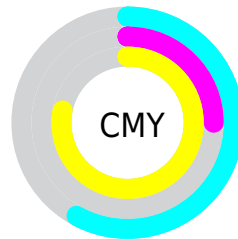


Cyan (44%)

Magenta (0%)

Yellow (70%)

Black (25%)



Cyan (58%)

Magenta (25%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285251385 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 4285251385 by changing the saturation by 10% instead.





4285251385



4285251385

4294967295



4283343642



4289001583



4281305344



4290903947



4278218496



4292804518



4278211840



4294770627



4278205696



4294967263



4278200320

4294967293



4278190080



4285251385



4285251385



4284464934



4286037836

■ 4283678483

■ 4286824287

■ 4282892032

■ 4287610738

■ 4288397189

■ 4289183641

■ 4289970092

■ 4290756543

■ 4291542994

■ 4292329445

# Harmonies

## Analogous

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



4290162432



4285251385



4278241147

# Triad

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



4285251385



4278239231



4294928022

# Complementary

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



4285251385



4287445439

# 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.



4294930650



4285251385



4281445375

# Square

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



4285251385



4278241535



4291530495



4294933078

# Rectangle

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



4285251385



4278241962



4291530495



4294928045

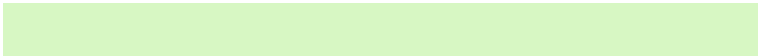


# Sweetspot

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



4285251385



4292343747



4290743353



4285103454



4294769916



4286414205



# Same Dimension

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



4285251385



4285921064



4281974601



4283981397



4282097152



4278918912



# Inverse Universe

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



4287445439



4289341687



4290722223



4284175710



4284678302



4279435295



# Previews

## White Background



This preview shows how the Android color 4285251385 looks on a white background.

## Color Contrast Check

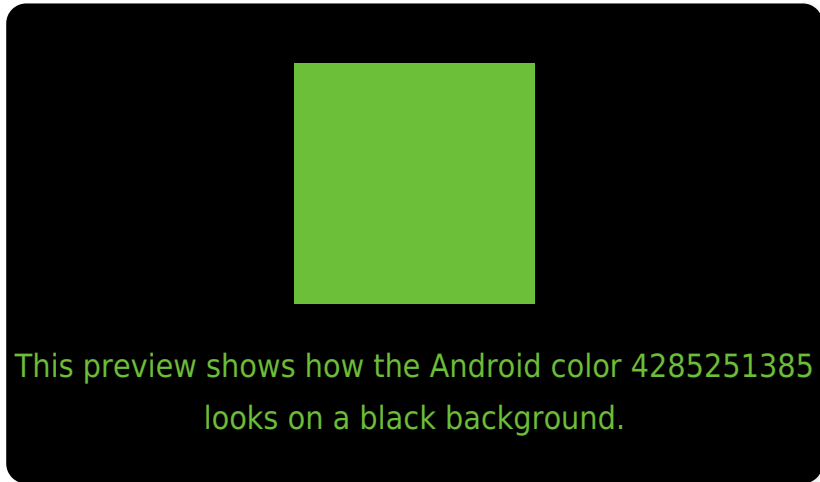
Large Text (above 18pt) WCAG AA × Fail

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 4285251385 Background



This preview shows how black text looks on a background with the Android color 4285251385.



This preview shows how white text looks on a background with the Android color 4285251385.

# 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**  
4285251385

**Protanopia**  
4290685492

**Deuteranopia**  
4292059716



# Trichromacy



**Original Color**

4285251385



**Protanomaly**

4288721462



**Deuteranomaly**

4289572160



**Tritanomaly**

4286166928

# Monochromacy



**Original Color**

4285251385



**Achromatopsia**

4288124823



**Achromatomaly**

4287080053

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285251385 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(107, 191, 57)` looks like.

```
.text, #text, p{  
    color:rgb(107, 191, 57)  
}
```

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(107, 191, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 191, 57) }
```

## Border

The CSS property to change the border of an element to Android 4285251385 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(107, 191, 57) }
```

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

```
.border{ border-color:rgb(107, 191, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 191, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 191, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 191, 57);  
box-shadow:4px 4px 4px 4px rgb(107, 191,  
57) }
```

# Background

The CSS property to change the background color of an element to Android 4285251385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 191, 57) }
```

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

```
.background{ background-color: rgb(107,  
191, 57) }
```

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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