

# Converting Colors

Android(4285251882)

Have a look what the booklet for  
Android(4285251882) contains.

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# **Color**

**Android(4285251882)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BC12A
RGB	107, 193, 42
RGB Percent	42%, 76%, 16%
CMY	0.5804, 0.2431, 0.8353
CMYK	0.45, 0.00, 0.78, 0.24
HSL	94°, 64%, 46%
HSV	94°, 78%, 76%
XYZ	25.5513, 41.4329, 8.8411
YIQ	150.0720, -2.7850, -65.1930

# Conversions

## Conversions Part 2

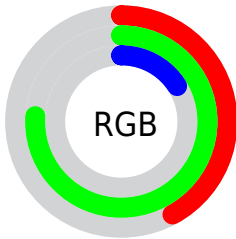
Format	Color
R <sub>Y</sub> B	42, 193, 128
Decimal	7061802
CIE Lab	70.48, -50.05, 62.49
CIE LCh	70, 80.068, 128.692
Yxy	41.4329, 0.3370, 0.5464
Android (android.graphics.Color)	4285251882 (0xFF6BC12A)
YUV	150.0720, -53.2795, -37.7741
Hunter-Lab	64.3684, -41.7884, 36.9143

# Details

The Android color `4285251882` is a dark color, and the websafe version is hex `66CC33`. The color can be described as dark muted chartreuse. A complement of this color would be `4286589633`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4289067620`, and `4281240320` is the 20% darker color. If you saturate the color by 10%, you get `4284530967`, and if you desaturate by 10%, it is `4285972797`.

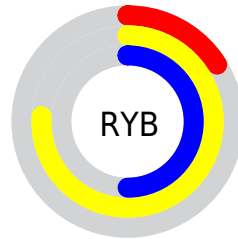
# Distribution



Red (42%)

Green (76%)

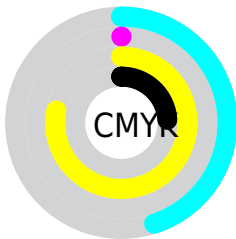
Blue (16%)



Red (16%)

Yellow (76%)

Blue (50%)

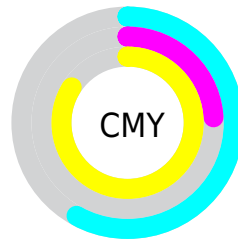


Cyan (45%)

Magenta (0%)

Yellow (78%)

Black (24%)



Cyan (58%)

Magenta (24%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285251882 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 4285251882 by changing the saturation by 10% instead.





4285251882



4285251882

4294967295



4283344128



4289067620



4281240320



4290969471



4278218752



4292935579



4278212352



4294901687



4278206208



4294967252



4278200576



4294967282



4278190848



4278190080



4285251882



4285251882

■ 4284530967

■ 4285972797

■ 4283810051

■ 4286693713

■ 4283678976

■ 4287414628

■ 4288135543

■ 4288856459

■ 4289577374

■ 4290298289

■ 4291019204

■ 4291740120

# Harmonies

## Analogous

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



4290490368



4285251882



4278241908

# Triad

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



4285251882



4278239999



4294925978

# Complementary

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



4285251882



4286589633

# 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.



4294929635



4285251882



4278234879

# Square

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



4285251882



4278242559



4291399679



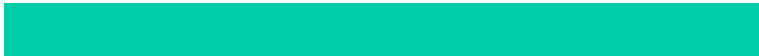
4294931541

# Rectangle

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



4285251882



4278242727



4291399679



4294926003

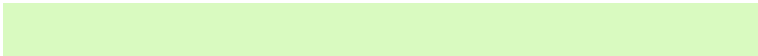


# Sweetspot

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



4285251882



4292475584



4290871338



4285103450



4294769916



4286414205



# Same Dimension

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



4285251882



4285856271



4280992052



4284178775



4282753280



4279116032



# Inverse Universe

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



4286589633



4287959034



4290849463



4284307297



4284154017



4279435297



# Previews

## White Background



This preview shows how the Android color 4285251882 looks on a white background.

## Color Contrast Check

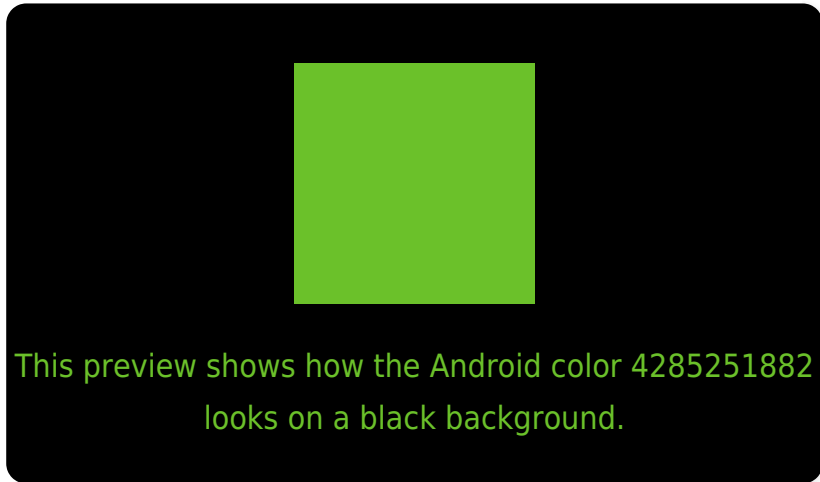
Large Text (above 18pt) WCAG AA × Fail

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 4285251882 Background



This preview shows how black text looks on a background with the Android color 4285251882.



This preview shows how white text looks on a background with the Android color 4285251882.

# 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**  
4285251882



**Protanomaly**  
4288853031



**Deuteranomaly**  
4289703475



**Tritanomaly**  
4286232971

# Monochromacy



**Original Color**  
4285251882



**Achromatopsia**  
4288059030



**Achromatomaly**  
4287014511

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285251882 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, 193, 42)` looks like.

```
.text, #text, p{  
    color:rgb(107, 193, 42)  
}
```

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, 193, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 193, 42) }
```

## Border

The CSS property to change the border of an element to Android 4285251882 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, 193, 42) }
```

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

```
.border{ border-color:rgb(107, 193, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 193, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 193, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 193, 42);  
box-shadow:4px 4px 4px 4px rgb(107, 193,  
42) }
```

# Background

The CSS property to change the background color of an element to Android 4285251882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 193, 42) }
```

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

```
.background{ background-color: rgb(107,  
193, 42) }
```

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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