

# Converting Colors

Android(4284006466)

Have a look what the booklet for  
Android(4284006466) contains.

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# **Color**

**Android(4284006466)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58C042
RGB	88, 192, 66
RGB Percent	35%, 75%, 26%
CMY	0.6549, 0.2471, 0.7412
CMYK	0.54, 0.00, 0.66, 0.25
HSL	110°, 50%, 51%
HSV	110°, 66%, 75%
XYZ	23.8575, 40.1673, 11.6499
YIQ	146.5400, -21.5380, -61.2340

# Conversions

## Conversions Part 2

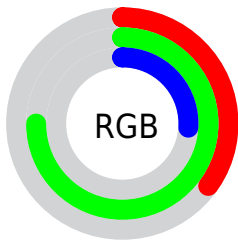
Format	Color
<a href="#">RYB</a>	<a href="#">66, 192, 170</a>
Decimal	<a href="#">5816386</a>
CIELab	<a href="#">69.59, -53.51, 52.62</a>
CIELCh	<a href="#">70, 75.049, 135.483</a>
Yxy	<a href="#">40.1673, 0.3153, 0.5308</a>
Android (android.graphics.Color)	<a href="#">4284006466 (0xFF58C042)</a>
YUV	<a href="#">146.5400, -39.7062, -51.3396</a>
Hunter-Lab	<a href="#">63.3777, -43.7175, 33.4659</a>

# Details

The Android color `4284006466` 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 `4289348288`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4287887735`, and `4279011584` is the 20% darker color. If you saturate the color by 10%, you get `4282957871`, and if you desaturate by 10%, it is `4285055061`.

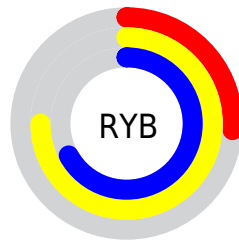
# Distribution



Red (35%)

Green (75%)

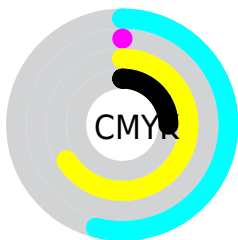
Blue (26%)



Red (26%)

Yellow (75%)

Blue (67%)

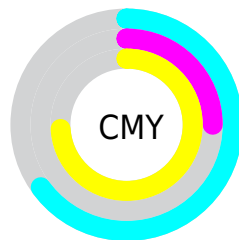


Cyan (54%)

Magenta (0%)

Yellow (66%)

Black (25%)



Cyan (65%)

Magenta (25%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284006466 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 4284006466 by changing the saturation by 10% instead.





4284006466



4284006466

4294967295



4281967654



4287887735



4279011584



4289789842



4278218496



4291690414



4278212096



4293656522



4278205696



4294967271



4278200064



4278190080



4284006466




4284006466



4282957871



4285055061

 4281909276

 4286103656

 4280860680


 4287152252

 4280467456

 4288135311

 4289183906

 4290232501

 4291281096

 4292329692

 4293378287

# Harmonies

## Analogous

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



4289376768



4284006466



4278241157

# Triad

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



4284006466



4278238207



4294928010

# Complementary

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



4284006466



4289348288

# 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.



4294929102



4284006466



4284393215

# Square

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



4284006466



4278241023



4292446207



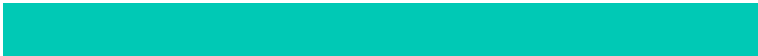
4294933835

# Rectangle

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



4284006466



4278241717



4292446207



4294927264

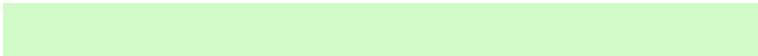


# Sweetspot

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



4284006466



4291951304



4290816322



4284775775



4294769916



4286414205



# Same Dimension

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



4284006466



4283955764



4282564714



4284047703



4280066304



4278591744



# Inverse Universe

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



4289348288



4292293882



4290790040



4284438369



4286906529



4279959585



# Previews

## White Background



This preview shows how the Android color 4284006466 looks on a white background.

## Color Contrast Check

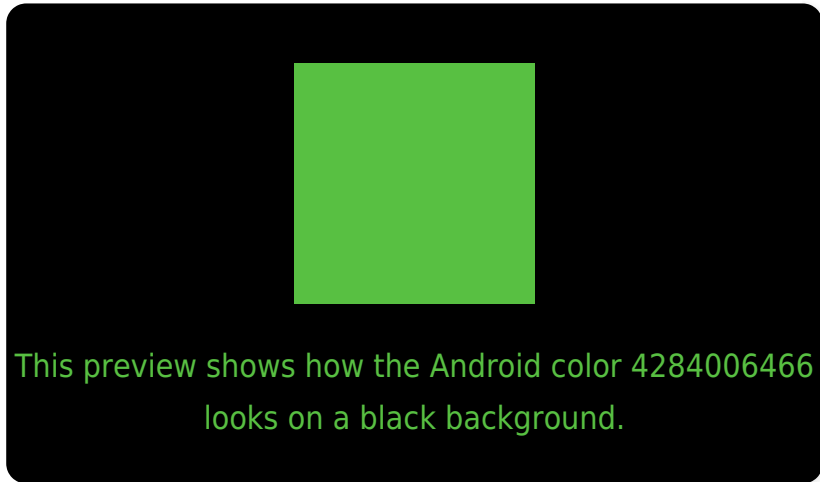
Large Text (above 18pt) WCAG AA × Fail

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 4284006466 Background



This preview shows how black text looks on a background with the Android color 4284006466.



This preview shows how white text looks on a background with the Android color 4284006466.

# 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



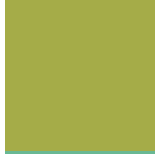
**Original Color**

4284006466



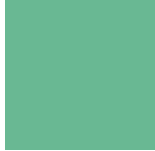
**Protanomaly**

4288196926



**Deuteranomaly**

4289047624



**Tritanomaly**

4285118611

# Monochromacy



**Original Color**

4284006466



**Achromatopsia**

4287861651



**Achromatomaly**

4286489462

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284006466 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, 192, 66)` looks like.

```
.text, #text, p{  
    color:rgb(88, 192, 66)  
}
```

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, 192, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 192, 66) }
```

## Border

The CSS property to change the border of an element to Android 4284006466 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, 192, 66) }
```

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

```
.border{ border-color:rgb(88, 192, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 192, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 192, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 192, 66);  
box-shadow:4px 4px 4px 4px rgb(88, 192,  
66) }
```

# Background

The CSS property to change the background color of an element to Android 4284006466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 192, 66) }
```

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

```
.background{ background-color: rgb(88, 192,  
66) }
```

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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