

# Converting Colors

Android(4284596833)

Have a look what the booklet for  
Android(4284596833) contains.

|  |    |
|--|----|
| <b>Android(4284596833)</b> .....               | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Android(4284596833)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                 |
|---------------|------------------------------|
| Hex           | 61C261                       |
| RGB           | 97, 194, 97                  |
| RGB Percent   | 38%, 76%, 38%                |
| CMY           | 0.6196, 0.2392, 0.6196       |
| CMYK          | 0.50, 0.00, 0.50, 0.24       |
| HSL           | 120°, 44%, 57%               |
| HSV           | 120°, 50%, 76%               |
| XYZ           | 26.3792, 41.9880, 18.0234    |
| YIQ           | 153.9390, -26.6750, -50.7310 |

# Conversions

## Conversions Part 2

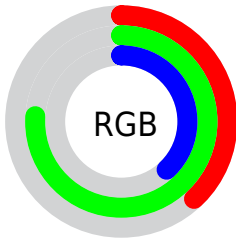
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 97, 194, 194                    |
| Decimal                             | 6406753                         |
| CIELab                              | 70.86, -48.26, 39.95            |
| CIELCh                              | 71, 62.652, 140.384             |
| Yxy                                 | 41.9880, 0.3053,<br>0.4860      |
| Android<br>(android.graphics.Color) | 4284596833<br>(0xFF61C261)      |
| YUV                                 | 153.9390, -28.0709,<br>-49.9355 |
| Hunter-Lab                          | 64.7982, -40.7298,<br>28.8674   |

# Details

The Android color `4284596833` is a dark color, and the websafe version is hex `66CC66`. A complement of this color would be `4290929090`, and the grayscale version is `4288322202`.

A 20% lighter version of the original color is `4288347029`, and `4280519471` is the 20% darker color. If you saturate the color by 10%, you get `4283351630`, and if you desaturate by 10%, it is `4285842036`.

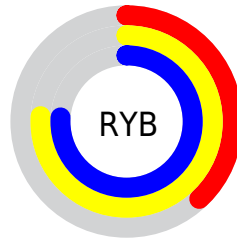
# Distribution



Red (38%)

Green (76%)

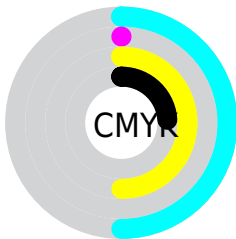
Blue (38%)



Red (38%)

Yellow (76%)

Blue (76%)

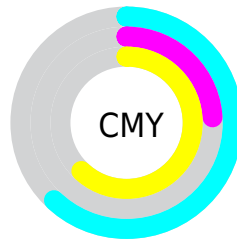


Cyan (50%)

Magenta (0%)

Yellow (50%)

Black (24%)



Cyan (62%)

Magenta (24%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284596833 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 4284596833 by changing the saturation by 10% instead.





4284596833



4284596833

4294967295



4282689096



4288347029



4280519471



4290183089



4278219029



4292149197



4278212608



4294049769



4278206208



4278200832



4278191616



4278190080



4284596833



4284596833

 4283351630

 4285842036

 4282040890

 4287152776

 4280795687

 4288397979

 4279484947

 4289708719

 4278239744

 4290953922

 4292199125

 4293509865

 4294755068

 4294951679

# Harmonies

## Analogous

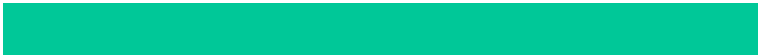
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4289115705



4284596833



4278241432

# Triad

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



4284596833



4278237695



4294933641

# Complementary

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



4284596833



4290929090

# 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.



4294933442



4284596833



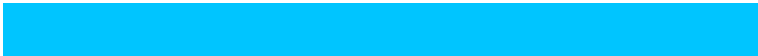
4287538943

# Square

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



4284596833



4278240767



4292972279



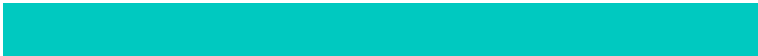
4294938199

# Rectangle

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



4284596833



4278241728



4292972279



4294932892

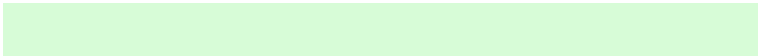


# Sweetspot

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



4284596833



4292345047



4290953825



4285104233



4278190080



4286611584



# Same Dimension

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



4284596833



4284873829



4284596882



4283916631



4278231296



4278198528



# Inverse Universe

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



4290929090



4294731260



4290929042



4284569441



4288741537



4280352801



# Previews

## White Background



This preview shows how the Android color 4284596833 looks on a white background.

## Color Contrast Check

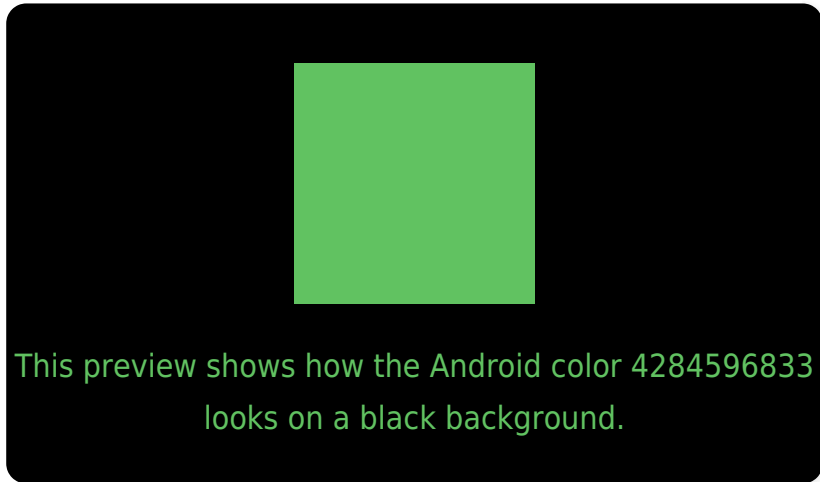
Large Text (above 18pt) WCAG AA × Fail

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 4284596833 Background



This preview shows how black text looks on a background with the Android color 4284596833.



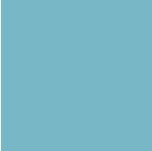
This preview shows how white text looks on a background with the Android color 4284596833.

# 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





**Tritanopia**  
4286035910

# Trichromacy



**Original Color**

4284596833



**Protanomaly**

4288459869



**Deuteranomaly**

4289245029



**Tritanomaly**

4285512609

# Monochromacy



**Original Color**

4284596833



**Achromatopsia**

4288322202



**Achromatomaly**

4286949765

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284596833 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(97, 194, 97)` looks like.

```
.text, #text, p{  
    color:rgb(97, 194, 97)  
}
```

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(97, 194, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 194, 97) }
```

## Border

The CSS property to change the border of an element to Android 4284596833 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(97, 194, 97) }
```

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

```
.border{ border-color:rgb(97, 194, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 194, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 194, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 194, 97);  
box-shadow:4px 4px 4px 4px rgb(97, 194,  
97) }
```

# Background

The CSS property to change the background color of an element to Android 4284596833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 194, 97) }
```

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

```
.background{ background-color: rgb(97, 194,  
97) }
```

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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