

# Converting Colors

Android(4284865082)

Have a look what the booklet for  
Android(4284865082) contains.

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# **Color**

**Android(4284865082)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65DA3A
RGB	101, 218, 58
RGB Percent	40%, 85%, 23%
CMY	0.6039, 0.1451, 0.7725
CMYK	0.54, 0.00, 0.73, 0.15
HSL	104°, 68%, 54%
HSV	104°, 73%, 85%
XYZ	31.2020, 53.2150, 12.6300
YIQ	164.7770, -18.3720, -74.5640

# Conversions

## Conversions Part 2

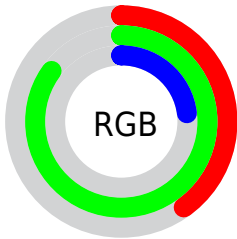
Format	Color
<a href="#">RYB</a>	<a href="#">58, 218, 175</a>
Decimal	<a href="#">6675002</a>
CIELab	<a href="#">78.00, -60.26, 64.53</a>
CIELCh	<a href="#">78, 88.294, 133.039</a>
Yxy	<a href="#">53.2150, 0.3215, 0.5483</a>
Android (android.graphics.Color)	<a href="#">4284865082 (0xFF65DA3A)</a>
YUV	<a href="#">164.7770, -52.6411, -55.9324</a>
Hunter-Lab	<a href="#">72.9486, -51.3111, 40.7988</a>

# Details

The Android color `4284865082` 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 `4289673946`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4288872307`, and `4279935488` is the 20% darker color. If you saturate the color by 10%, you get `4283816484`, and if you desaturate by 10%, it is `4285913680`.

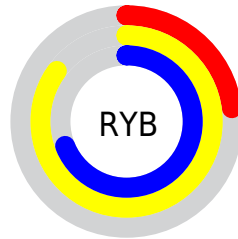
# Distribution



Red (40%)

Green (85%)

Blue (23%)



Red (23%)

Yellow (85%)

Blue (69%)

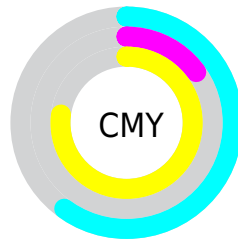


Cyan (54%)

Magenta (0%)

Yellow (73%)

Black (15%)



Cyan (60%)

Magenta (15%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284865082 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 4284865082 by changing the saturation by 10% instead.





4284865082



4284865082

4294967295



4282695191



4288872307



4279935488



4290838415



4278224640



4292804523



4278217984



4294770632



4278211328



4294967269



4278205184



4278199040



4278190080



4284865082



4284865082

■ 4283816484

■ 4285913680

■ 4282767886

■ 4286962278

■ 4282112512

■ 4288010875

■ 4289059473

■ 4290108071

■ 4291156669

■ 4292205267

■ 4293253864

■ 4294236926

# Harmonies

## Analogous

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



4291151872



4284865082



4278248334

# Triad

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



4284865082



4278245375



4294928801

# Complementary

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



4284865082



4289673946

# 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.



4294931443



4284865082



4281843711

# Square

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



4284865082



4278248447



4294023935



4294936403

# Rectangle

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



4284865082



4278249159



4294023935



4294928316

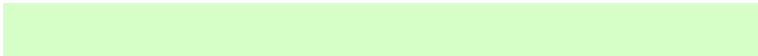


# Sweetspot

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



4284865082



4292280263



4292521274



4284973150



4278190080



4286611584



# Same Dimension

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



4284865082



4284219167



4282047069



4284903011



4281314560



4278988288



# Inverse Universe

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



4289673946



4290977791



4292491959



4285227886



4286513325

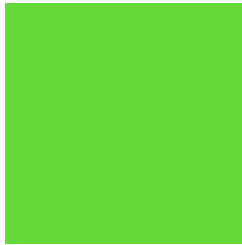


4280418350



# Previews

## White Background



This preview shows how the Android color 4284865082 looks on a white background.

## Color Contrast Check

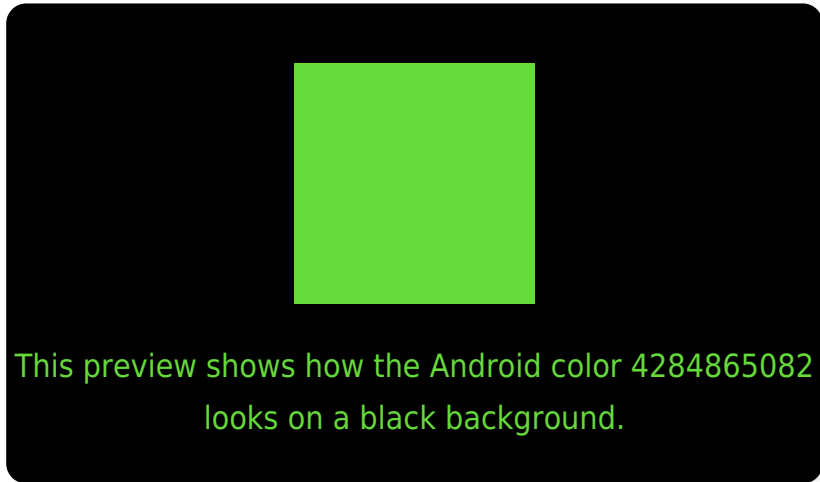
Large Text (above 18pt) WCAG AA × Fail

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 4284865082 Background



This preview shows how black text looks on a background with the Android color 4284865082.

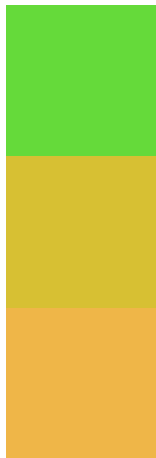


This preview shows how white text looks on a background with the Android color 4284865082.

# 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**  
4284865082

**Protanopia**  
4292329523

**Deuteranopia**  
4293899848



# Trichromacy



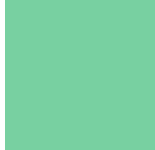
**Original Color**  
4284865082



**Protanomaly**  
4289644854



**Deuteranomaly**  
4290626371

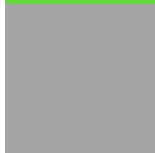


**Tritanomaly**  
4286107809

# Monochromacy



**Original Color**  
4284865082



**Achromatopsia**  
4289045925



**Achromatomaly**  
4287543422

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284865082 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(101, 218, 58)` looks like.

```
.text, #text, p{  
    color:rgb(101, 218, 58)  
}
```

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(101, 218, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 218, 58) }
```

## Border

The CSS property to change the border of an element to Android 4284865082 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(101, 218, 58) }
```

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

```
.border{ border-color:rgb(101, 218, 58) }
```

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

Here you see how a box with a 4 pixel rgb(101, 218, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 218, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 218, 58);  
box-shadow:4px 4px 4px 4px rgb(101, 218,  
58) }
```

# Background

The CSS property to change the background color of an element to Android 4284865082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 218, 58) }
```

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

```
.background{ background-color: rgb(101,  
218, 58) }
```

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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