

# Converting Colors

Android(4283865177)

Have a look what the booklet for  
Android(4283865177) contains.

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# Color

**Android(4283865177)**

# Conversions

## Conversions Part 1

Format	Color
Hex	569859
RGB	86, 152, 89
RGB Percent	34%, 60%, 35%
CMY	0.6627, 0.4039, 0.6510
CMYK	0.43, 0.00, 0.41, 0.40
HSL	123°, 28%, 47%
HSV	123°, 43%, 60%
XYZ	16.8692, 25.1562, 13.4177
YIQ	125.0840, -19.1130, -33.5850

# Conversions

## Conversions Part 2

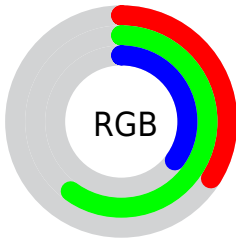
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 149, 152
Decimal	5675097
CIE <sub>Lab</sub>	57.23, -34.65, 26.73
CIE <sub>LCh</sub>	57, 43.758, 142.352
Yxy	25.1562, 0.3043, 0.4537
Android (android.graphics.Color)	4283865177 (0xFF569859)
YUV	125.0840, -17.7894, -34.2767
Hunter-Lab	50.1559, -27.7372, 19.2479

# Details

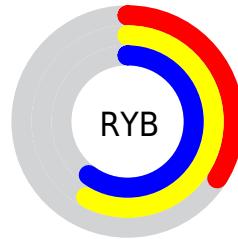
The Android color `4283865177` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `4288173717`, and the grayscale version is `4286414205`.

A 20% lighter version of the original color is `4287352716`, and `4280378410` is the 20% darker color. If you saturate the color by 10%, you get `4282882122`, and if you desaturate by 10%, it is `4284848232`.

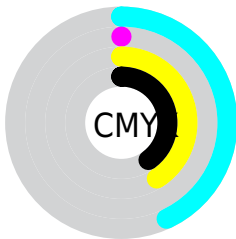
# Distribution



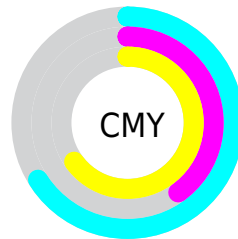
- Red (34%)
- Green (60%)
- Blue (35%)



- Red (34%)
- Yellow (58%)
- Blue (60%)



- Cyan (43%)
- Magenta (0%)
- Yellow (41%)
- Black (40%)



- Cyan (66%)
- Magenta (40%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283865177 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 4283865177 by changing the saturation by 10% instead.





4283865177



4283865177

4294967295



4282154561



4287352716



4280378410



4289194918



4278209555



4290969538



4278203392



4292870110



4278198528



4294770683



4278190080



4283865177



4283865177



4282882122



4284848232



4281899068



4285831286

 4280850477

 4286879877

 4279867423

 4287862931

 4278884368

 4288845986

 4278228999

 4289829040

 4290812095

 4291860685

 4292843740

# Harmonies

## Analogous

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



4286877760



4283865177



4278230142

# Triad

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



4283865177



4280389845



4291914606

# Complementary

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



4283865177



4288173717

# 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.



4291521173



4283865177



4286350288

# Square

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



4283865177



4278229445



4289688760



4291065422

# Rectangle

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



4283865177



4278230424



4289688760



4291914107



# Sweetspot

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



4283865177



4289447084



4288059478



4283720532



4293125091



4284703587



# Same Dimension

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



4283865177



4284400739



4283865209



4282731845



4278225926



4278193409



# Inverse Universe

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



4288173717



4291059392



4288173685



4283254092



4287365254



4279042060



# Previews

## White Background



This preview shows how the Android color 4283865177 looks on a white background.

## Color Contrast Check

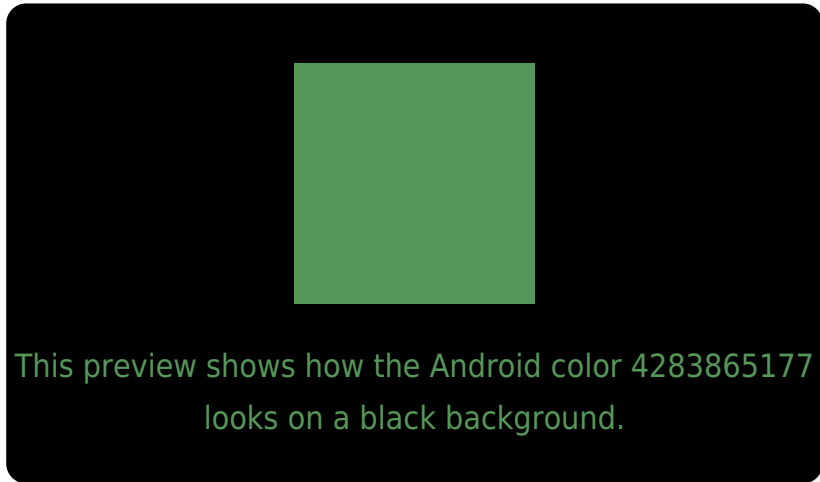
Large Text (above 18pt) WCAG AA ✓ Pass

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

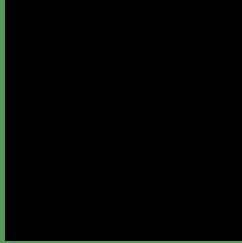
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283865177 Background



This preview shows how black text looks on a background with the Android color 4283865177.



This preview shows how white text looks on a background with the Android color 4283865177.

# 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**  
4283865177

**Protanomaly**  
4286484053

**Deuteranomaly**  
4287073116

**Tritanomaly**  
4284453764

# Monochromacy



**Original Color**  
4283865177

**Achromatopsia**  
4286414205

**Achromatomaly**  
4285499248

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283865177 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(86, 152, 89)` looks like.

```
.text, #text, p{  
    color:rgb(86, 152, 89)  
}
```

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(86, 152, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 152, 89) }
```

## Border

The CSS property to change the border of an element to Android 4283865177 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(86, 152, 89) }
```

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

```
.border{ border-color:rgb(86, 152, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 152, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 152, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 152, 89);  
box-shadow:4px 4px 4px 4px rgb(86, 152,  
89) }
```

# Background

The CSS property to change the background color of an element to Android 4283865177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 152, 89) }
```

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

```
.background{ background-color: rgb(86, 152,  
89) }
```

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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