

# Converting Colors

Android(4285915237)

Have a look what the booklet for  
Android(4285915237) contains.

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# **Color**

**Android(4285915237)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75E065
RGB	117, 224, 101
RGB Percent	46%, 88%, 40%
CMY	0.5412, 0.1216, 0.6039
CMYK	0.48, 0.00, 0.55, 0.12
HSL	112°, 66%, 64%
HSV	112°, 55%, 88%
XYZ	36.3407, 58.0328, 21.5980
YIQ	177.9850, -24.2890, -60.9370

# Conversions

## Conversions Part 2

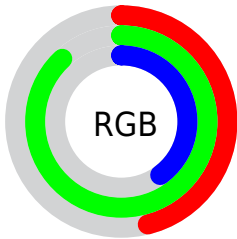
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 224, 208</a>
Decimal	<a href="#">7725157</a>
CIELab	<a href="#">80.76, -54.15, 50.18</a>
CIElCh	<a href="#">81, 73.831, 137.180</a>
Yxy	<a href="#">58.0328, 0.3134, 0.5004</a>
Android (android.graphics.Color)	<a href="#">4285915237 (0xFF75E065)</a>
YUV	<a href="#">177.9850, -37.9536, -53.4838</a>
Hunter-Lab	<a href="#">76.1793, -48.1616, 36.5158</a>

# Details

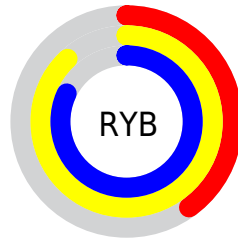
The Android color `4285915237` is a light color, and the websafe version is hex `66CC66`. A complement of this color would be `4291847648`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4289724315`, and `4281903152` is the 20% darker color. If you saturate the color by 10%, you get `4284670031`, and if you desaturate by 10%, it is `4287160443`.

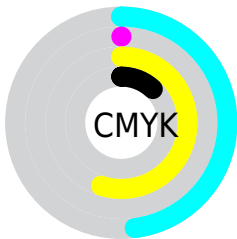
# Distribution



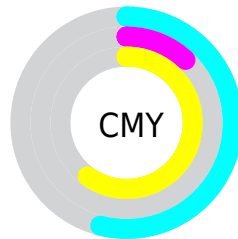
- Red (46%)
- Green (88%)
- Blue (40%)



- Red (40%)
- Yellow (88%)
- Blue (82%)



- Cyan (48%)
- Magenta (0%)
- Yellow (55%)
- Black (12%)



- Cyan (54%)
- Magenta (12%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285915237 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 4285915237 by changing the saturation by 10% instead.



 4285915237

 4285915237

4294967295

 4283941963

 4289724315

 4281903152

 4291690423

 4278750482

 4293656531

 4278219264

 4294967280

 4278212864

 4278206464

 4278200832

 4278191360

 4278190080

 4285915237

 4285915237

 4284670031

 4287160443

 4283359288

 4288471186

 4282114082

 4289716392

 4280803339

 4291027135

 4280147968

 4292272341

 4293583083

 4294828287

 4294959359

# Harmonies

## Analogous

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



4291285301



4285915237



4278249639

# Triad

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



4285915237



4278245887



4294936996

# Complementary

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



4285915237



4291847648

# 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.



4294937833



4285915237



4287742719

# Square

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



4285915237



4278248959



4294878719



4294942565

# Rectangle

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



4285915237



4278250200



4294878719



4294936507

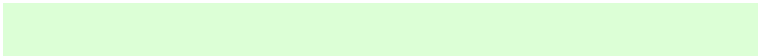


# Sweetspot

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



4285915237



4292673494



4292923493



4285169767



4278190080



4286611584



# Same Dimension

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



4285915237



4285398871



4284866706



4284903525



4279742464



4278595584



# Inverse Universe

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



4291847648



4293482495



4292896179



4285490544



4288217264



4280942640



# Previews

## White Background



This preview shows how the Android color 4285915237 looks on a white background.

## Color Contrast Check

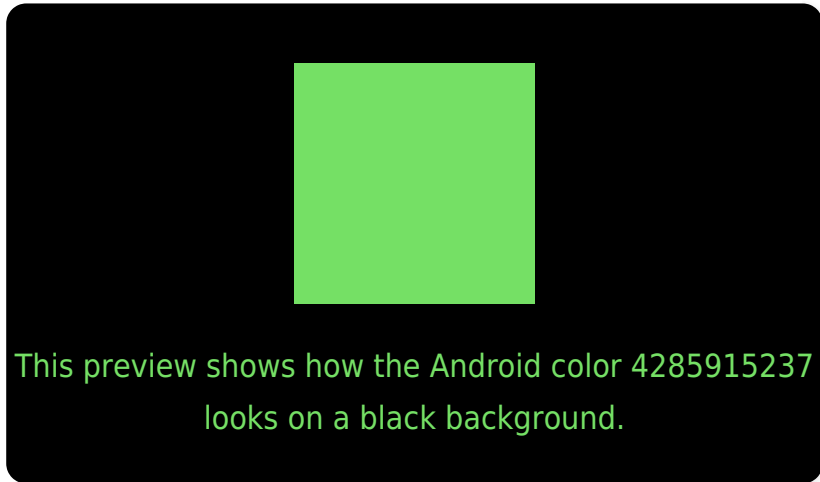
Large Text (above 18pt) WCAG AA × Fail

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 4285915237 Background



This preview shows how black text looks on a background with the Android color 4285915237.

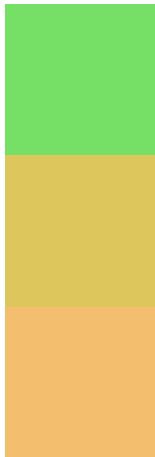


This preview shows how white text looks on a background with the Android color 4285915237.

# 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**  
4285915237

**Protanopia**  
4292724573

**Deuteranopia**  
4294164078



# Trichromacy



**Original Color**

4285915237



**Protanomaly**

4290236512



**Deuteranomaly**

4291152491



**Tritanomaly**

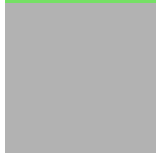
4286961846

# Monochromacy



**Original Color**

4285915237



**Achromatopsia**

4289901234



**Achromatomaly**

4288463766

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285915237 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(117, 224, 101)` looks like.

```
.text, #text, p{  
    color:rgb(117, 224, 101)  
}
```

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(117, 224, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 224, 101) }
```

## Border

The CSS property to change the border of an element to Android 4285915237 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(117, 224, 101) }
```

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

```
.border{ border-color:rgb(117, 224, 101) }
```

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

Here you see how a box with a 4 pixel rgb(117, 224, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 224, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 224, 101);  
box-shadow:4px 4px 4px 4px rgb(117, 224,  
101) }
```

# Background

The CSS property to change the background color of an element to Android 4285915237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 224, 101) }
```

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

```
.background{ background-color: rgb(117,  
224, 101) }
```

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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