

# Converting Colors

Android(4285187169)

Have a look what the booklet for  
Android(4285187169) contains.

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# **Color**

**Android(4285187169)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6AC461
RGB	106, 196, 97
RGB Percent	42%, 77%, 38%
CMY	0.5843, 0.2314, 0.6196
CMYK	0.46, 0.00, 0.51, 0.23
HSL	115°, 46%, 57%
HSV	115°, 51%, 77%
XYZ	27.8415, 43.4071, 18.2203
YIQ	157.8040, -21.8610, -49.8690

# Conversions

## Conversions Part 2

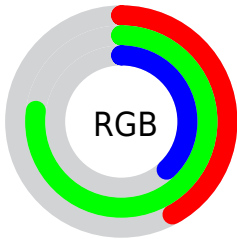
Format	Color
<a href="#">RYB</a>	<a href="#">97, 196, 187</a>
Decimal	<a href="#">6997089</a>
CIELab	<a href="#">71.83, -46.52, 41.22</a>
CIELCh	<a href="#">72, 62.151, 138.454</a>
Yxy	<a href="#">43.4071, 0.3112, 0.4852</a>
Android (android.graphics.Color)	<a href="#">4285187169 (0xFF6AC461)</a>
YUV	<a href="#">157.8040, -29.9764, -45.4321</a>
Hunter-Lab	<a href="#">65.8841, -39.8661, 29.7222</a>

# Details

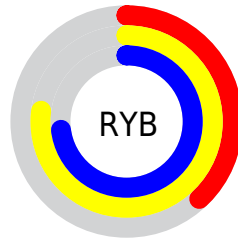
The Android color **4285187169** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **4290470340**, and the grayscale version is **4288585374**.

A 20% lighter version of the original color is **4288871830**, and **4281371951** is the 20% darker color. If you saturate the color by 10%, you get **4284007501**, and if you desaturate by 10%, it is **4286366837**.

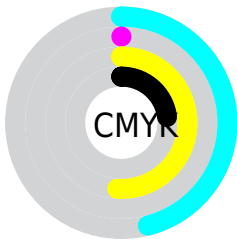
# Distribution



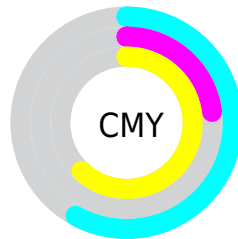
- Red (42%)
- Green (77%)
- Blue (38%)



- Red (38%)
- Yellow (77%)
- Blue (73%)



- Cyan (46%)
- Magenta (0%)
- Yellow (51%)
- Black (23%)



- Cyan (58%)
- Magenta (23%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285187169 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 4285187169 by changing the saturation by 10% instead.



 4285187169

 4285187169

4294967295

 4283344968

 4288871830

 4281371951

 4290772913

 4278481684

 4292673485

 4278213120

 4294639593

 4278206720

 4278201344

 4278193152

 4278190080

 4285187169


 4285187169

 4284007501

 4286366837

 4282827834

 4287546504

 4281713702

 4288660636

 4280534035

 4289840303

 4279419904

 4291019971

 4292199639

 4293379306

 4294558974

 4294952191

# Harmonies

## Analogous

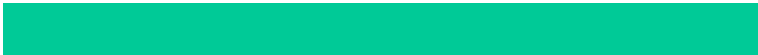
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4289574972



4285187169



4278241943

# Triad

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



4285187169



4278238719



4294934159

# Complementary

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



4285187169



4290470340

# 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.



4294934472



4285187169



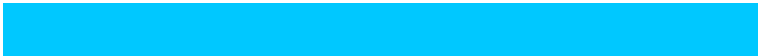
4287343359

# Square

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



4285187169



4278241535



4292842236



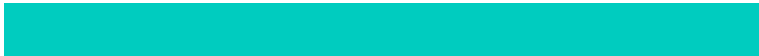
4294938461

# Rectangle

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



4285187169



4278242495



4292842236



4294933666

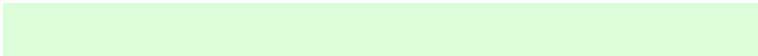


# Sweetspot

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



4285187169



4292673497



4291082849



4285235305



4278190080



4286611584



# Same Dimension

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



4285187169



4285726563



4284597385



4283982167



4279214336



4278395136



# Inverse Universe

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



4290470340



4294009855



4291060124



4284503905



4287758497



4280156193



# Previews

## White Background



This preview shows how the Android color 4285187169 looks on a white background.

## Color Contrast Check

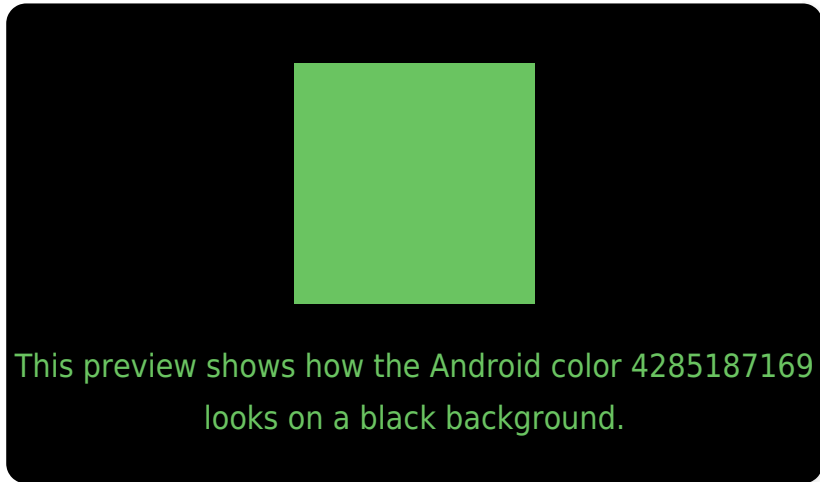
Large Text (above 18pt) WCAG AA × Fail

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

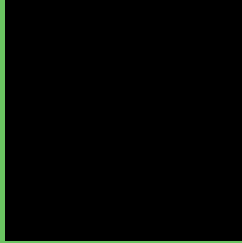
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4285187169 Background



This preview shows how black text looks on a background with the Android color 4285187169.



This preview shows how white text looks on a background with the Android color 4285187169.

# 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**  
4285187169

**Protanopia**  
4290883418

**Deuteranopia**  
4292126568



# Trichromacy



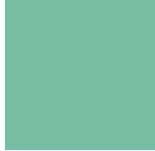
**Original Color**  
4285187169



**Protanomaly**  
4288788317



**Deuteranomaly**  
4289573477



**Tritanomaly**  
4286037411

# Monochromacy



**Original Color**  
4285187169



**Achromatopsia**  
4288585374



**Achromatomaly**  
4287343752

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285187169 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(106, 196, 97)` looks like.

```
.text, #text, p{  
    color:rgb(106, 196, 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(106, 196, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 196, 97) }
```

## Border

The CSS property to change the border of an element to Android 4285187169 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(106, 196, 97) }
```

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

```
.border{ border-color:rgb(106, 196, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 196, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 196, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 196, 97);  
box-shadow:4px 4px 4px 4px rgb(106, 196,  
97) }
```

# Background

The CSS property to change the background color of an element to Android 4285187169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 196, 97) }
```

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

```
.background{ background-color: rgb(106,  
196, 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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