

# Converting Colors

Android(4285193216)

Have a look what the booklet for  
Android(4285193216) contains.

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# **Color**

**Android(4285193216)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6ADC00
RGB	106, 220, 0
RGB Percent	42%, 86%, 0%
CMY	0.5843, 0.1373, 1.0000
CMYK	0.52, 0.00, 1.00, 0.14
HSL	91°, 100%, 43%
HSV	91°, 100%, 86%
XYZ	31.5371, 54.2506, 8.8092
YIQ	160.8340, 2.6760, -92.5880

# Conversions

## Conversions Part 2

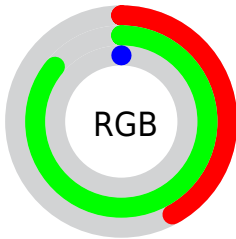
Format	Color
<a href="#">RYB</a>	<a href="#">0, 220, 114</a>
Decimal	<a href="#">7003136</a>
CIELab	<a href="#">78.61, -61.64, 76.62</a>
CIELCh	<a href="#">79, 98.334, 128.819</a>
Yxy	<a href="#">54.2506, 0.3334, 0.5735</a>
Android (android.graphics.Color)	<a href="#">4285193216</a> ( <a href="#">0xFF6ADC00</a> )
YUV	<a href="#">160.8340, -79.2912, -48.0894</a>
Hunter-Lab	<a href="#">73.6550, -52.4674, 44.4673</a>

# Details

The Android color **4285193216** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4285661404**, and the grayscale version is **4288848546**.

A 20% lighter version of the original color is **4289199958**, and **4280329216** is the 20% darker color. If you saturate the color by 10%, you get **4285193216**, and if you desaturate by 10%, it is **4285914134**.

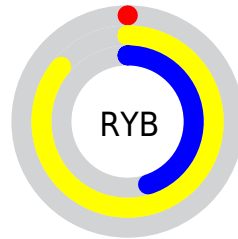
# Distribution



Red (42%)

Green (86%)

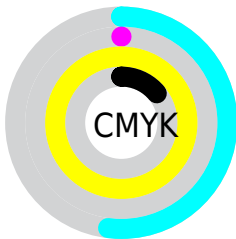
Blue (0%)



Red (0%)

Yellow (86%)

Blue (45%)

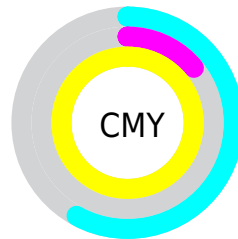


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (14%)



Cyan (58%)

Magenta (14%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285193216 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 4285193216 by changing the saturation by 10% instead.





4285193216



4285193216

4294967295



4283023360



4289199958



4280329216



4291231603



4278225152



4293197712



4278218240



4294967214



4278211840



4294967243



4278205440



4294967273



4278199296



4278190080



4285193216

 4285914134

 4286700588


 4287421506


 4288207960

 4288928878

 4289649796

 4290436250

 4291157168

 4291943622

# Harmonies

## Analogous

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



4291938048



4285193216



4278249340

# Triad

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



4285193216



4278247167



4294923180

# Complementary

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



4285193216



4285661404

# 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.



4294929151



4285193216



4278240767

# Square

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



4285193216



4278249983



4293238015



4294932308

# Rectangle

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



4285193216



4278250172



4293238015



4294923466

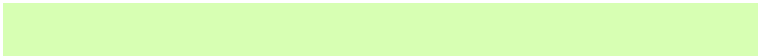


# Sweetspot

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



4285193216



4292345779



4292637184



4285038674



4278190080



4286611584



# Same Dimension

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



4285193216



4286316288



4278246404



4285034083



4283739392



4279643648



# Inverse Universe

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



4285661404



4286841087



4292608216



4285031278



4284088493

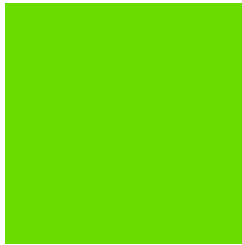


4279762990



# Previews

## White Background



This preview shows how the Android color 4285193216 looks on a white background.

## Color Contrast Check

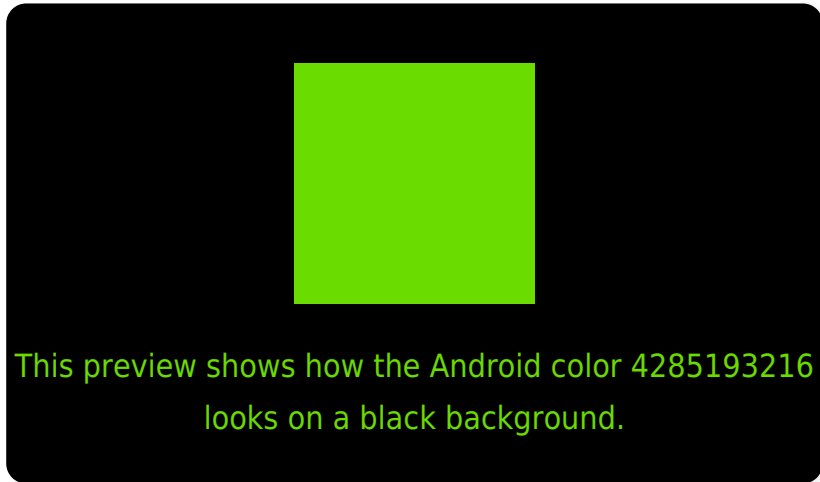
Large Text (above 18pt) WCAG AA × Fail

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

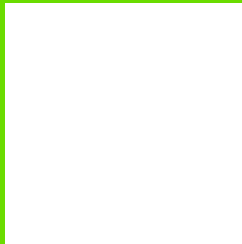
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285193216 Background



This preview shows how black text looks on a background with the Android color 4285193216.



This preview shows how white text looks on a background with the Android color 4285193216.

# 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**  
4285193216

**Protanopia**  
4292526592

**Deuteranopia**  
4294162221



# Trichromacy



**Original Color**  
4285193216



**Protanomaly**  
4289841920



**Deuteranomaly**  
4290888733



**Tritanomaly**  
4286435981

# Monochromacy



**Original Color**  
4285193216



**Achromatopsia**  
4288782753



**Achromatomaly**  
4287477350

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285193216 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, 220, 0)` looks like.

```
.text, #text, p{  
    color:rgb(106, 220, 0)  
}
```

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, 220, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 220, 0) }
```

## Border

The CSS property to change the border of an element to Android 4285193216 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, 220, 0) }
```

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

```
.border{ border-color:rgb(106, 220, 0) }
```

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

Here you see how a box with a 4 pixel rgb(106, 220, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 220, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 220, 0);  
box-shadow:4px 4px 4px 4px rgb(106, 220,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4285193216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 220, 0) }
```

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

```
.background{ background-color: rgb(106,  
220, 0) }
```

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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