

# Converting Colors

Android(4286503175)

Have a look what the booklet for  
Android(4286503175) contains.

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**Color**

**Android(4286503175)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7ED907
RGB	126, 217, 7
RGB Percent	49%, 85%, 3%
CMY	0.5059, 0.1490, 0.9725
CMYK	0.42, 0.00, 0.97, 0.15
HSL	86°, 94%, 44%
HSV	86°, 97%, 85%
XYZ	33.4554, 54.0767, 8.8756
YIQ	165.8510, 13.1740, -84.6020

# Conversions

## Conversions Part 2

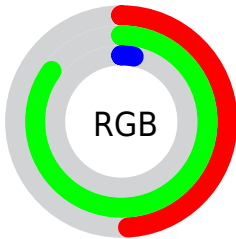
Format	Color
<a href="#">RYB</a>	<a href="#">7, 217, 98</a>
Decimal	<a href="#">8313095</a>
CIELab	<a href="#">78.51, -54.32, 76.22</a>
CIELCh	<a href="#">79, 93.602, 125.477</a>
Yxy	<a href="#">54.0767, 0.3470, 0.5609</a>
Android (android.graphics.Color)	<a href="#">4286503175</a> ( <a href="#">0xFF7ED907</a> )
YUV	<a href="#">165.8510, -78.3135, -34.9493</a>
Hunter-Lab	<a href="#">73.5368, -47.4814, 44.3197</a>

# Details

The Android color `4286503175` 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 `4284614617`, and the grayscale version is `4289177511`.

A 20% lighter version of the original color is `4290445143`, and `4282425600` is the 20% darker color. If you saturate the color by 10%, you get `4286306560`, and if you desaturate by 10%, it is `4287093021`.

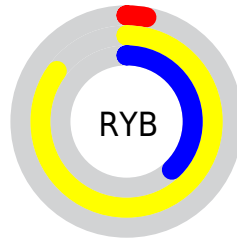
# Distribution



Red (49%)

Green (85%)

Blue (3%)



Red (3%)

Yellow (85%)

Blue (38%)

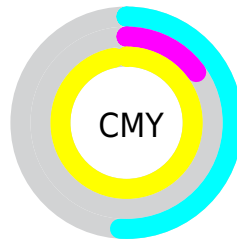


Cyan (42%)

Magenta (0%)

Yellow (97%)

Black (15%)



Cyan (51%)

Magenta (15%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286503175 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 4286503175 by changing the saturation by 10% instead.





4286503175



4286503175

4294967295



4284529920



4290445143



4282425600



4292411253



4279797248



4294377362



4278217728



4294967215



4278211328



4294967244



4278205184



4294967274



4278199296



4278190080



4286503175



4286503175

■ 4286306560

■ 4287093021

■ 4287748402

■ 4288338248

■ 4288993630

■ 4289583475

■ 4290173321

■ 4290828703

■ 4291418549

■ 4292073930

# Harmonies

## Analogous

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



4292527104



4286503175



4278248565

# Triad

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



4286503175



4278247167



4294926006

# Complementary

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



4286503175



4284614617

# 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.



4294932223



4286503175



4278241535

# Square

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



4286503175



4278249727



4292191231



4294932578

# Rectangle

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



4286503175



4278249650



4292191231



4294926547

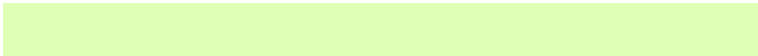


# Sweetspot

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



4286503175



4292870069



4292436487



4285300819



4278190080



4286611584



# Same Dimension

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



4286503175



4287758080



4279621895



4285099619



4284656896



4279905792



# Inverse Universe

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



4284614617



4285464831



4291495897



4284965742



4283105453

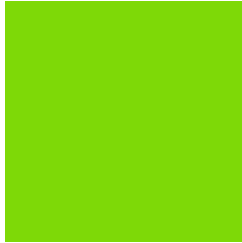


4279500846



# Previews

## White Background



This preview shows how the Android color 4286503175 looks on a white background.

## Color Contrast Check

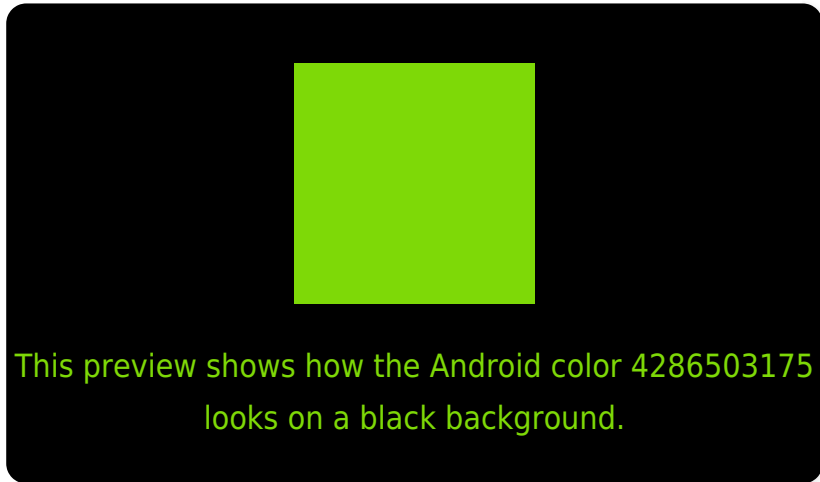
Large Text (above 18pt) WCAG AA × Fail

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 4286503175 Background



This preview shows how black text looks on a background with the Android color 4286503175.



This preview shows how white text looks on a background with the Android color 4286503175.

# 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**

4286503175



**Protanomaly**

4290365955



**Deuteranomaly**

4291347231



**Tritanomaly**

4287549325

# Monochromacy



**Original Color**

4286503175



**Achromatopsia**

4289111718



**Achromatomaly**

4288133484

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286503175 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(126, 217, 7)` looks like.

```
.text, #text, p{  
    color:rgb(126, 217, 7)  
}
```

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(126, 217, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 217, 7) }
```

## Border

The CSS property to change the border of an element to Android 4286503175 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(126, 217, 7) }
```

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

```
.border{ border-color:rgb(126, 217, 7) }
```

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

Here you see how a box with a 4 pixel rgb(126, 217, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 217, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 217, 7);  
box-shadow:4px 4px 4px 4px rgb(126, 217,  
7) }
```

# Background

The CSS property to change the background color of an element to Android 4286503175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 217, 7) }
```

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

```
.background{ background-color: rgb(126,  
217, 7) }
```

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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