

# Converting Colors

Android(4285778715)

Have a look what the booklet for  
Android(4285778715) contains.

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**Color**

**Android(4285778715)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73CB1B
RGB	115, 203, 27
RGB Percent	45%, 80%, 11%
CMY	0.5490, 0.2039, 0.8941
CMYK	0.43, 0.00, 0.87, 0.20
HSL	90°, 77%, 45%
HSV	90°, 87%, 80%
XYZ	28.6240, 46.4358, 8.4913
YIQ	156.6240, 4.0480, -73.3920

# Conversions

## Conversions Part 2

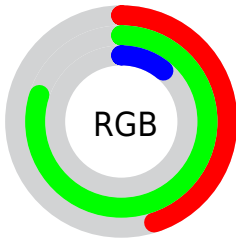
Format	Color
<a href="#">RYB</a>	<a href="#">27, 203, 115</a>
Decimal	<a href="#">7588635</a>
CIELab	<a href="#">73.83, -52.04, 69.43</a>
CIELCh	<a href="#">74, 86.766, 126.855</a>
Yxy	<a href="#">46.4358, 0.3426, 0.5558</a>
Android (android.graphics.Color)	<a href="#">4285778715</a> ( <a href="#">0xFF73CB1B</a> )
YUV	<a href="#">156.6240, -63.9046, -36.5042</a>
Hunter-Lab	<a href="#">68.1438, -44.2724, 40.3127</a>

# Details

The Android color **4285778715** 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 **4285733835**, and the grayscale version is **4288519581**.

A 20% lighter version of the original color is **4289658716**, and **4281701376** is the 20% darker color. If you saturate the color by 10%, you get **4285123335**, and if you desaturate by 10%, it is **4286434095**.

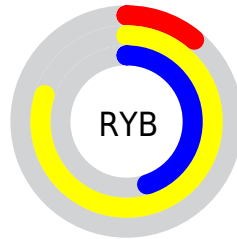
# Distribution



Red (45%)

Green (80%)

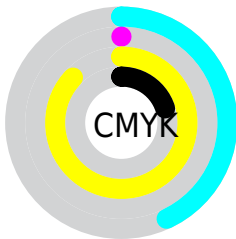
Blue (11%)



Red (11%)

Yellow (80%)

Blue (45%)

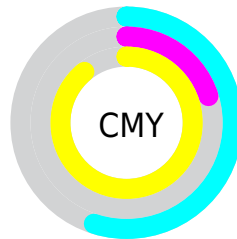


Cyan (43%)

Magenta (0%)

Yellow (87%)

Black (20%)



Cyan (55%)

Magenta (20%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285778715 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 4285778715 by changing the saturation by 10% instead.





4285778715



4285778715

4294967295



4283805440



4289658716



4281701376



4291559288



4278614528



4293525397



4278214656



4294967217



4278208256



4294967246



4278202368



4294967276



4278195712



4278190080



4285778715



4285778715

■ 4285123335

■ 4286434095

■ 4284926720

■ 4287089476

■ 4287744856

■ 4288465772

■ 4289121153

■ 4289776533

■ 4290431913

■ 4291087293

■ 4291742674

# Harmonies

## Analogous

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



4291409920



4285778715



4278244723

# Triad

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



4285778715



4278243071



4294925479

# Complementary

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



4285778715



4285733835

# 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.



4294930422



4285778715



4278237695

# Square

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



4285778715



4278245631



4291663871



4294931546

# Rectangle

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



4285778715



4278245546



4291663871



4294925761

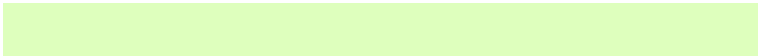


# Sweetspot

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



4285778715



4292804541



4291523355



4285300824



4278190080



4286611584



# Same Dimension

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



4285778715



4286643968



4280011547



4284573276



4283672064



4279444992



# Inverse Universe

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



4285733835



4286578943



4291501003



4284570726



4283629734



4279435302



# Previews

## White Background



This preview shows how the Android color 4285778715 looks on a white background.

## Color Contrast Check

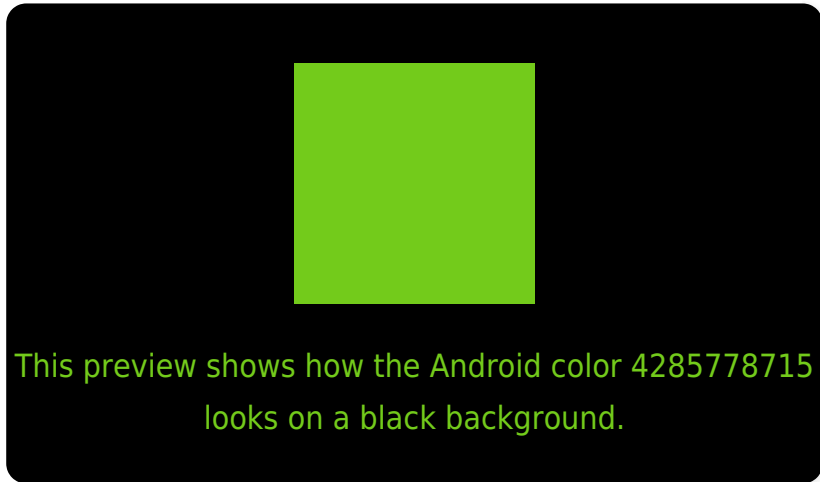
Large Text (above 18pt) WCAG AA × Fail

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 4285778715 Background



This preview shows how black text looks on a background with the Android color 4285778715.



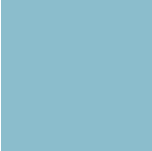
This preview shows how white text looks on a background with the Android color 4285778715.

# 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





**Tritanopia**  
4287348172

# Trichromacy



**Original Color**  
4285778715

**Protanomaly**  
4289445143

**Deuteranomaly**  
4290426664

**Tritanomaly**  
4286759564

# Monochromacy



**Original Color**  
4285778715

**Achromatopsia**  
4288519581

**Achromatomaly**  
4287540846

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285778715 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(115, 203, 27)` looks like.

```
.text, #text, p{  
    color:rgb(115, 203, 27)  
}
```

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(115, 203, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 203, 27) }
```

## Border

The CSS property to change the border of an element to Android 4285778715 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(115, 203, 27) }
```

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

```
.border{ border-color:rgb(115, 203, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 203, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 203, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 203, 27);  
box-shadow:4px 4px 4px 4px rgb(115, 203,  
27) }
```

# Background

The CSS property to change the background color of an element to Android 4285778715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 203, 27) }
```

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

```
.background{ background-color: rgb(115,  
203, 27) }
```

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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