

# Converting Colors

Android(4285647426)

Have a look what the booklet for  
Android(4285647426) contains.

|  |    |
|--|----|
| <b>Android(4285647426)</b> .....               | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Android(4285647426)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 71CA42                      |
| RGB           | 113, 202, 66                |
| RGB Percent   | 44%, 79%, 26%               |
| CMY           | 0.5569, 0.2078, 0.7412      |
| CMYK          | 0.44, 0.00, 0.67, 0.21      |
| HSL           | 99°, 56%, 53%               |
| HSV           | 99°, 67%, 79%               |
| XYZ           | 28.9140, 46.1451, 12.5372   |
| YIQ           | 159.8850, -9.3880, -61.1640 |

# Conversions

## Conversions Part 2

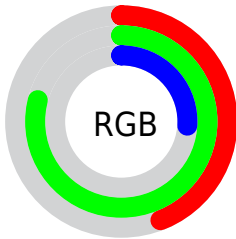
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">66, 202, 155</a>                                 |
| Decimal                             | <a href="#">7457346</a>                                      |
| CIELab                              | <a href="#">73.64, -50.10, 57.25</a>                         |
| CIELCh                              | <a href="#">74, 76.080, 131.191</a>                          |
| Yxy                                 | <a href="#">46.1451, 0.3301, 0.5268</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4285647426</a><br>( <a href="#">0xFF71CA42</a> ) |
| YUV                                 | <a href="#">159.8850, -46.2853, -41.1181</a>                 |
| Hunter-Lab                          | <a href="#">67.9302, -42.9007, 36.6085</a>                   |

# Details

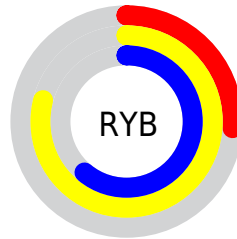
The Android color `4285647426` is a dark color, and the websafe version is hex `66CC33`. The color can be described as dark muted chartreuse. A complement of this color would be `4288365258`, and the grayscale version is `4288716960`.

A 20% lighter version of the original color is `4289462136`, and `4281701120` is the 20% darker color. If you saturate the color by 10%, you get `4284795438`, and if you desaturate by 10%, it is `4286499414`.

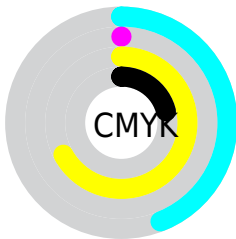
# Distribution



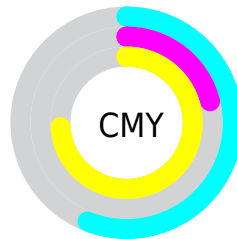
- Red (44%)
- Green (79%)
- Blue (26%)



- Red (26%)
- Yellow (79%)
- Blue (61%)



- Cyan (44%)
- Magenta (0%)
- Yellow (67%)
- Black (21%)



- Cyan (56%)
- Magenta (21%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285647426 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 4285647426 by changing the saturation by 10% instead.





4285647426



4285647426

4294967295



4283739685



4289462136



4281701120



4291362708



4278876416



4293263280



4278214400



4294967244



4278208000



4294967273



4278202368



4278195456



4278190080



4285647426



4285647426

■ 4284795438

■ 4286499414

■ 4283943450

■ 4287351402

■ 4283025925

■ 4288268927

■ 4282829312

■ 4289120915

■ 4289972903

■ 4290824891

■ 4291742415

■ 4292594404

■ 4293446392

# Harmonies

## Analogous

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



4290755075



4285647426



4278244229

# Triad

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



4285647426



4278241791



4294930334

# Complementary

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



4285647426



4288365258

# 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.



4294932708



4285647426



4282955007

# Square

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



4285647426



4278244351



4292450047



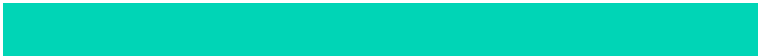
4294935388

# Rectangle

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



4285647426



4278244790



4292450047



4294930101

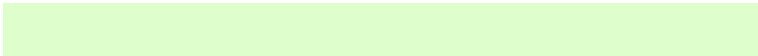


# Sweetspot

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



4285647426



4292804556



4291467842



4285235297



4278190080



4286611584



# Same Dimension

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



4285647426



4286119728



4282567254



4284442204



4281968128



4279051776



# Inverse Universe

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



4288365258



4290261247



4291445430



4284636262



4285268134



4279828518



# Previews

## White Background



This preview shows how the Android color 4285647426 looks on a white background.

## Color Contrast Check

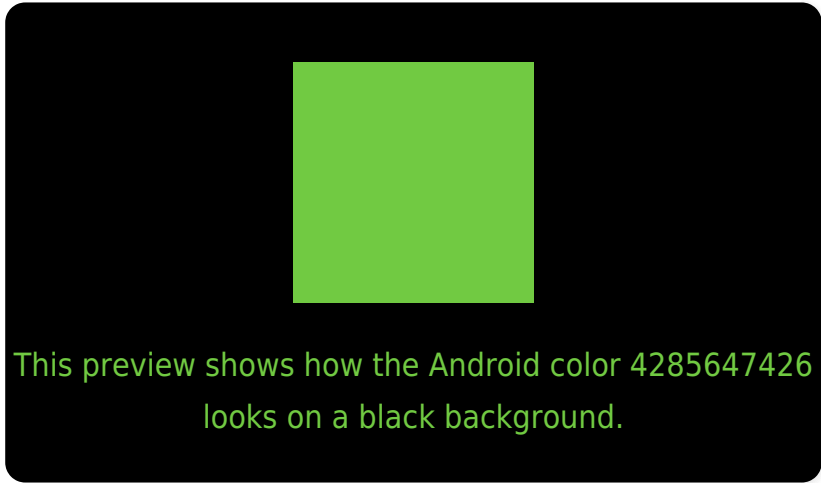
Large Text (above 18pt) WCAG AA × Fail

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 4285647426 Background



This preview shows how black text looks on a background with the Android color 4285647426.



This preview shows how white text looks on a background with the Android color 4285647426.

# 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**

4285647426



**Protanomaly**

4289313854



**Deuteranomaly**

4290229832



**Tritanomaly**

4286628506

# Monochromacy



**Original Color**

4285647426



**Achromatopsia**

4288716960



**Achromatomaly**

4287606654

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285647426 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(113, 202, 66)` looks like.

```
.text, #text, p{  
    color:rgb(113, 202, 66)  
}
```

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(113, 202, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 202, 66) }
```

## Border

The CSS property to change the border of an element to Android 4285647426 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(113, 202, 66) }
```

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

```
.border{ border-color:rgb(113, 202, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 202, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 202, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 202, 66);  
box-shadow:4px 4px 4px 4px rgb(113, 202,  
66) }
```

# Background

The CSS property to change the background color of an element to Android 4285647426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 202, 66) }
```

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

```
.background{ background-color: rgb(113,  
202, 66) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor