

Converting Colors

Android(4285387819)

Have a look what the booklet for
Android(4285387819) contains.

Android(4285387819)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4285387819)

Conversions

Conversions Part 1

Format	Color
Hex	6DD42B
RGB	109, 212, 43
RGB Percent	43%, 83%, 17%
CMY	0.5725, 0.1686, 0.8314
CMYK	0.49, 0.00, 0.80, 0.17
HSL	97°, 66%, 50%
HSV	97°, 80%, 83%
XYZ	30.2862, 50.5126, 10.4392
YIQ	161.9370, -7.1390, -74.3950

Conversions

Conversions Part 2

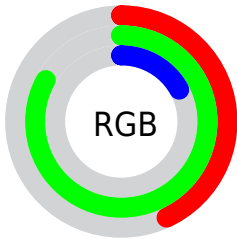
Format	Color
RYB	43, 212, 146
Decimal	7197739
CIELab	76.38, -56.69, 67.74
CIELCh	76, 88.334, 129.924
Yxy	50.5126, 0.3319, 0.5536
Android (android.graphics.Color)	4285387819 (0xFF6DD42B)
YUV	161.9370, -58.6359, -46.4257
Hunter-Lab	71.0722, -48.3117, 41.0420

Details

The Android color **4285387819** 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 **4287769556**, and the grayscale version is **4288914339**.

A 20% lighter version of the original color is **4289331047**, and **4281048064** is the 20% darker color. If you saturate the color by 10%, you get **4284535830**, and if you desaturate by 10%, it is **4286239808**.

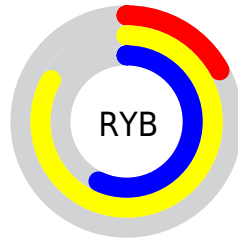
Distribution



Red (43%)

Green (83%)

Blue (17%)



Red (17%)

Yellow (83%)

Blue (57%)

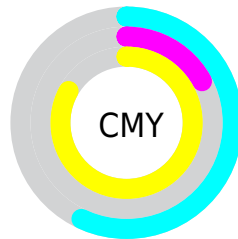


Cyan (49%)

Magenta (0%)

Yellow (80%)

Black (17%)



Cyan (57%)

Magenta (17%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285387819 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 4285387819 by changing the saturation by 10% instead.



4285387819



4285387819

4294967295



4283348992



4289331047



4281048064



4291231619



4278223360



4293197727



4278216704



4294967228



4278210048



4294967257



4278203904



4294967287



4278197760



4278190080



4285387819



4285387819

■ 4284535830

■ 4286239808

■ 4283683841

■ 4287091797

■ 4283683840

■ 4287943787

■ 4288795776

■ 4289647765

■ 4290499754

■ 4291286207

■ 4292138197

■ 4292990186

Harmonies

Analogous

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



4291412224



4285387819



4278247041

Triad

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



4285387819



4278244607



4294927013

Complementary

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



4285387819



4287769556

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.



4294930934



4285387819



4278238719

Square

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



4285387819



4278247423



4292909567



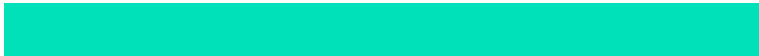
4294934103

Rectangle

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



4285387819



4278247866



4292909567



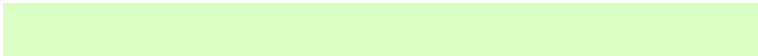
4294927040

Sweetspot

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



4285387819



4292542402



4292120619



4285104219



4278190080



4286611584

Same Dimension

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



4285387819



4285202186



4281062460



4284836704



4282624768



4279315200

Inverse Universe

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



4287769556



4288613119



4292094915



4284964971



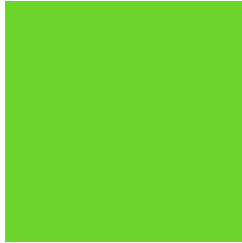
4285005995



4279894059

Previews

White Background



This preview shows how the Android color 4285387819 looks on a white background.

Color Contrast Check

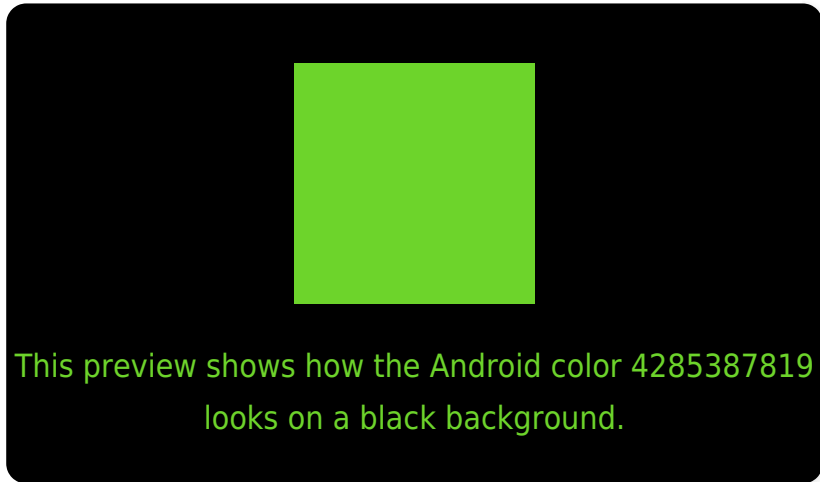
Large Text (above 18pt) WCAG AA × Fail

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 4285387819 Background



This preview shows how black text looks on a background with the Android color 4285387819.



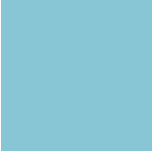
This preview shows how white text looks on a background with the Android color 4285387819.

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
4287153621

Trichromacy



Original Color
4285387819



Protanomaly
4289643815



Deuteranomaly
4290625078



Tritanomaly
4286499479

Monochromacy



Original Color
4285387819



Achromatopsia
4288848546



Achromatomaly
4287607927

CSS Examples

Text

The CSS property to change the color of the text to Android 4285387819 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(109, 212, 43)` looks like.

```
.text, #text, p{  
    color:rgb(109, 212, 43)  
}
```

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(109, 212, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 212, 43) }
```

Border

The CSS property to change the border of an element to Android 4285387819 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(109, 212, 43) }
```

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

```
.border{ border-color:rgb(109, 212, 43) }
```

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

Here you see how a box with a 4 pixel rgb(109, 212, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 212, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 212, 43);  
box-shadow:4px 4px 4px 4px rgb(109, 212,  
43) }
```

Background

The CSS property to change the background color of an element to Android 4285387819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 212, 43) }
```

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

```
.background{ background-color: rgb(109,  
212, 43) }
```

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