

Converting Colors

Android(4285849680)

Have a look what the booklet for
Android(4285849680) contains.

Android(4285849680)	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(4285849680)

Conversions

Conversions Part 1

Format	Color
Hex	74E050
RGB	116, 224, 80
RGB Percent	45%, 88%, 31%
CMY	0.5451, 0.1216, 0.6863
CMYK	0.48, 0.00, 0.64, 0.12
HSL	105°, 70%, 60%
HSV	105°, 64%, 88%
XYZ	35.3061, 57.6035, 16.8472
YIQ	175.2920, -18.1440, -67.6800

Conversions

Conversions Part 2

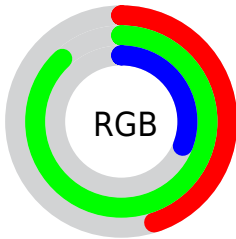
Format	Color
RYB	80, 224, 188
Decimal	7659600
CIELab	80.52, -56.60, 59.04
CIElCh	81, 81.788, 133.792
Yxy	57.6035, 0.3217, 0.5248
Android (android.graphics.Color)	4285849680 (0xFF74E050)
YUV	175.2920, -46.9790, -51.9991
Hunter-Lab	75.8970, -49.7843, 39.9670

Details

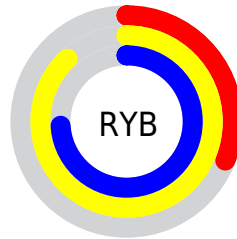
The Android color `4285849680` is a dark color, and the websafe version is hex `66CC33`. The color can be described as middle muted chartreuse. A complement of this color would be `4290531552`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4289724295`, and `4281706513` is the 20% darker color. If you saturate the color by 10%, you get `4284735546`, and if you desaturate by 10%, it is `4286963814`.

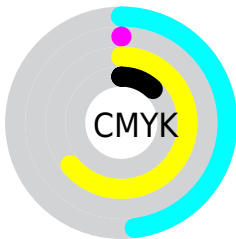
Distribution



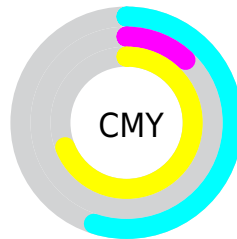
- Red (45%)
- Green (88%)
- Blue (31%)



- Red (31%)
- Yellow (88%)
- Blue (74%)



- Cyan (48%)
- Magenta (0%)
- Yellow (64%)
- Black (12%)



- Cyan (55%)
- Magenta (12%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285849680 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 4285849680 by changing the saturation by 10% instead.

 4285849680

 4285849680

4294967295

 4283876404

 4289724295

 4281706513

 4291690403

 4278226176

 4293656511

 4278219264

 4294967260

 4278212864

 4294967289

 4278206464

 4278200576

 4278191104

 4278190080

 4285849680

 4285849680

 4284735546


 4286963814

 4283621411

 4288077949

 4282572813

 4289126547

 4281917440

 4290240682

 4291354816

 4292468950

 4293583085

 4294631679

 4294959359

Harmonies

Analogous

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



4291612428



4285849680



4278249882

Triad

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



4285849680



4278246655



4294933672

Complementary

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



4285849680



4290531552

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.



4294935540



4285849680



4285122047

Square

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



4285849680



4278249727



4294484991



4294939745

Rectangle

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



4285849680



4278250448



4294484991



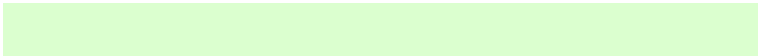
4294933185

Sweetspot

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



4285849680



4292607951



4292918352



4285169762



4278190080



4286611584

Same Dimension

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



4285849680



4285333307



4283490420



4285034597



4281118720



4278988800

Inverse Universe

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



4290531552



4291705855



4292890812



4285359472



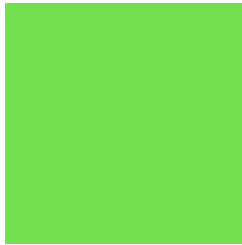
4286841008



4280549424

Previews

White Background



This preview shows how the Android color 4285849680 looks on a white background.

Color Contrast Check

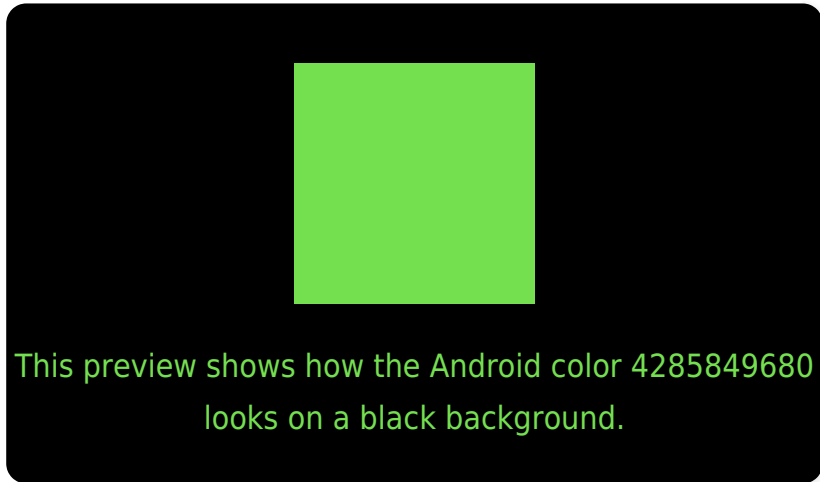
Large Text (above 18pt) WCAG AA × Fail

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

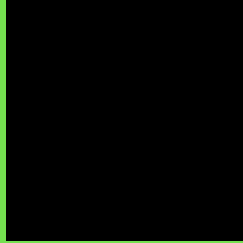
Any Text WCAG AA ✓ Pass

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 4285849680 Background



This preview shows how black text looks on a background with the Android color 4285849680.



This preview shows how white text looks on a background with the Android color 4285849680.

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



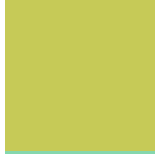
Trichromacy



Original Color
4285849680



Protanomaly
4290236492



Deuteranomaly
4291218007

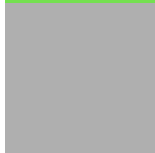


Tritanomaly
4286961581

Monochromacy



Original Color
4285849680



Achromatopsia
4289703855



Achromatomaly
4288332172

CSS Examples

Text

The CSS property to change the color of the text to Android 4285849680 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(116, 224, 80)` looks like.

```
.text, #text, p{  
    color:rgb(116, 224, 80)  
}
```

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(116, 224, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 224, 80) }
```

Border

The CSS property to change the border of an element to Android 4285849680 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(116, 224, 80) }
```

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

```
.border{ border-color:rgb(116, 224, 80) }
```

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

Here you see how a box with a 4 pixel rgb(116, 224, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 224, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 224, 80);  
box-shadow:4px 4px 4px 4px rgb(116, 224,  
80) }
```

Background

The CSS property to change the background color of an element to Android 4285849680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 224, 80) }
```

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

```
.background{ background-color: rgb(116,  
224, 80) }
```

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