

Converting Colors

Android(4285321542)

Have a look what the booklet for
Android(4285321542) contains.

Android(4285321542)	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(4285321542)

Conversions

Conversions Part 1

Format	Color
Hex	6CD146
RGB	108, 209, 70
RGB Percent	42%, 82%, 27%
CMY	0.5765, 0.1804, 0.7255
CMYK	0.48, 0.00, 0.67, 0.18
HSL	104°, 60%, 55%
HSV	104°, 67%, 82%
XYZ	30.0903, 49.2313, 13.7110
YIQ	162.9550, -15.5770, -64.6410

Conversions

Conversions Part 2

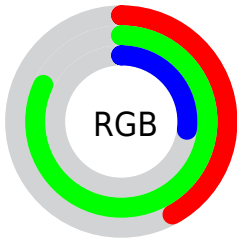
Format	Color
RYB	70, 209, 171
Decimal	7131462
CIELab	75.59, -54.03, 57.68
CIELCh	76, 79.032, 133.132
Yxy	49.2313, 0.3234, 0.5292
Android (android.graphics.Color)	4285321542 (0xFF6CD146)
YUV	162.9550, -45.8268, -48.1955
Hunter-Lab	70.1650, -46.2389, 37.5296

Details

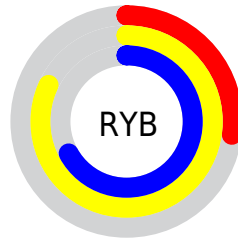
The Android color `4285321542` is a dark color, and the websafe version is hex `66CC33`. The color can be described as dark muted chartreuse. A complement of this color would be `4289414865`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4289134460`, and `4281178624` is the 20% darker color. If you saturate the color by 10%, you get `4284338481`, and if you desaturate by 10%, it is `4286304603`.

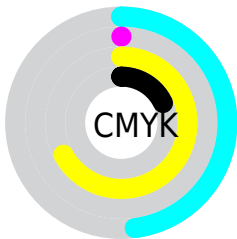
Distribution



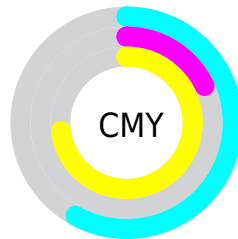
- Red (42%)
- Green (82%)
- Blue (27%)



- Red (27%)
- Yellow (82%)
- Blue (67%)



- Cyan (48%)
- Magenta (0%)
- Yellow (67%)
- Black (18%)



- Cyan (58%)
- Magenta (18%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285321542 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 4285321542 by changing the saturation by 10% instead.



4285321542



4285321542

4294967295



4283348265



4289134460



4281178624



4291100568



4278222592



4293066676



4278215936



4294967249



4278209536



4294967278



4278203392



4278197248



4278190080



4285321542



4285321542

 4284338481

 4286304603

 4283355420

 4287287664


 4282306823

 4288336261

 4281979136

 4289319322

 4290302383

 4291285443

 4292268504

 4293251565

 4294300159

Harmonies

Analogous

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



4290822400



4285321542



4278246029

Triad

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



4285321542



4278243071



4294930845

Complementary

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



4285321542



4289414865

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.



4294932966



4285321542



4284004607

Square

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



4285321542



4278245887



4293302527



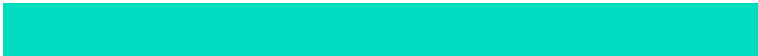
4294936665

Rectangle

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



4285321542



4278246592



4293302527



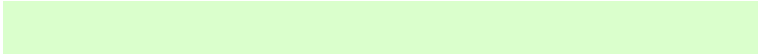
4294930614

Sweetspot

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



4285321542



4292542412



4291930694



4285104225



4278190080



4286611584

Same Dimension

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



4285321542



4285267763



4282831204



4284574046



4281247744



4278921472

Inverse Universe

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



4289414865



4291245055



4291905203



4284898921



4286185640



4280156201

Previews

White Background



This preview shows how the Android color 4285321542 looks on a white background.

Color Contrast Check

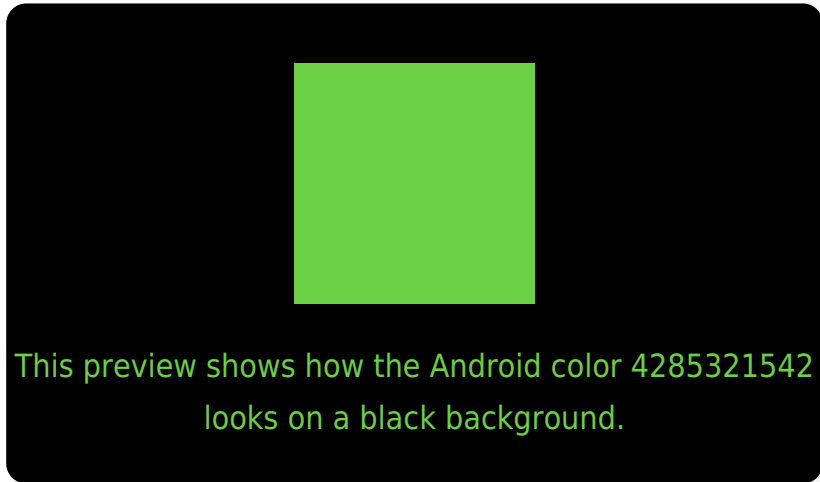
Large Text (above 18pt) WCAG AA × Fail

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 4285321542 Background



This preview shows how black text looks on a background with the Android color 4285321542.

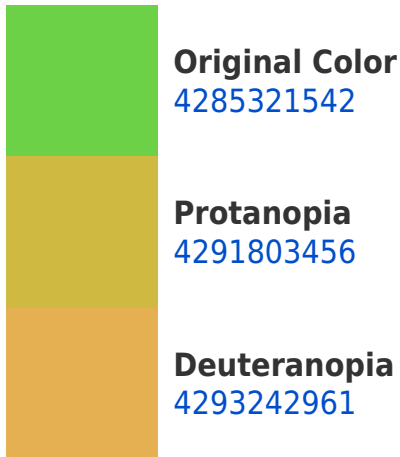


This preview shows how white text looks on a background with the Android color 4285321542.

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



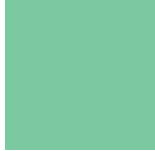
Original Color
4285321542



Protanomaly
4289446466



Deuteranomaly
4290362445



Tritanomaly
4286367904

Monochromacy



Original Color
4285321542



Achromatopsia
4288914339



Achromatomaly
4287607937

CSS Examples

Text

The CSS property to change the color of the text to Android 4285321542 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(108, 209, 70)` looks like.

```
.text, #text, p{  
    color:rgb(108, 209, 70)  
}
```

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(108, 209, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 209, 70) }
```

Border

The CSS property to change the border of an element to Android 4285321542 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(108, 209, 70) }
```

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

```
.border{ border-color:rgb(108, 209, 70) }
```

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

Here you see how a box with a 4 pixel rgb(108, 209, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 209, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 209, 70);  
box-shadow:4px 4px 4px 4px rgb(108, 209,  
70) }
```

Background

The CSS property to change the background color of an element to Android 4285321542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 209, 70) }
```

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

```
.background{ background-color: rgb(108,  
209, 70) }
```

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