

Converting Colors

Android(4285523817)

Have a look what the booklet for
Android(4285523817) contains.

Android(4285523817)	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(4285523817)

Conversions

Conversions Part 1

Format	Color
Hex	6FE769
RGB	111, 231, 105
RGB Percent	44%, 91%, 41%
CMY	0.5647, 0.0941, 0.5882
CMYK	0.52, 0.00, 0.55, 0.09
HSL	117°, 72%, 66%
HSV	117°, 55%, 91%
XYZ	37.6813, 61.5513, 23.2592
YIQ	180.7560, -31.0740, -64.6260

Conversions

Conversions Part 2

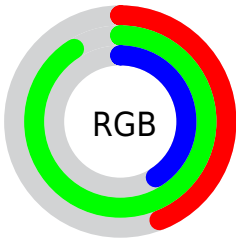
Format	Color
RYB	105, 231, 225
Decimal	7333737
CIELab	82.67, -58.01, 50.57
CIELCh	83, 76.958, 138.919
Yxy	61.5513, 0.3076, 0.5025
Android (android.graphics.Color)	4285523817 (0xFF6FE769)
YUV	180.7560, -37.3477, -61.1760
Hunter-Lab	78.4546, -51.5631, 37.3407

Details

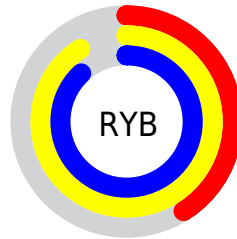
The Android color `4285523817` is a dark color, and the websafe version is hex `66CC66`. A complement of this color would be `4292962791`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4289396639`, and `4281183796` is the 20% darker color. If you saturate the color by 10%, you get `4284082002`, and if you desaturate by 10%, it is `4286965632`.

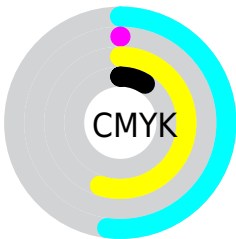
Distribution



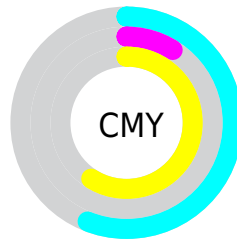
- Red (44%)
- Green (91%)
- Blue (41%)



- Red (41%)
- Yellow (91%)
- Blue (88%)



- Cyan (52%)
- Magenta (0%)
- Yellow (55%)
- Black (9%)



- Cyan (56%)
- Magenta (9%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285523817 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 4285523817 by changing the saturation by 10% instead.



4285523817



4285523817

4294967295



4283484751



4289396639



4281183796



4291362747



4278227734



4293328855



4278220800



4294967284



4278214144



4278207744



4278202112



4278194432



4278190080

 4285523817


 4285523817

 4284082002

 4286965632

 4282640187

 4288407447

 4281198372

 4289849262

 4279756557

 4291291077

 4278970112

 4292732892

 4294174708

 4294961151

Harmonies

Analogous

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



4291287092



4285523817



4278251440

Triad

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



4285523817



4278247167



4294937763

Complementary

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



4285523817



4292962791

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.



4294938092



4285523817



4288464639

Square

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



4285523817



4278250495



4294944511



4294943586

Rectangle

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



4285523817



4278251746



4294944511



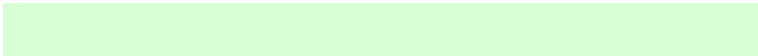
4294937019

Sweetspot

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



4285523817



4292411350



4293386601



4285038695



4278190080



4286611584

Same Dimension

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



4285523817



4284612441



4285130658



4285035367



4278760192



4278334208

Inverse Universe

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



4292962791



4294400511



4293355950



4285687667



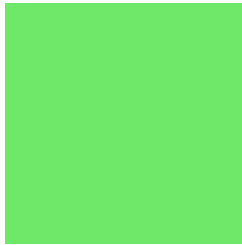
4289331379



4281401395

Previews

White Background



This preview shows how the Android color 4285523817 looks on a white background.

Color Contrast Check

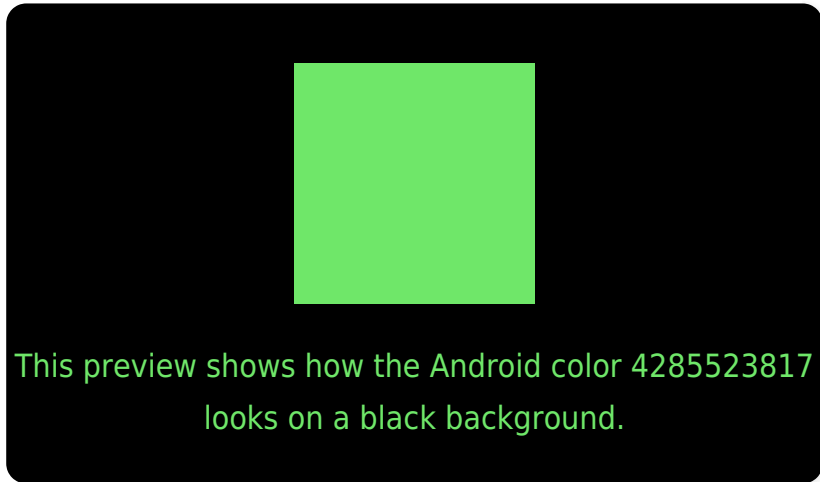
Large Text (above 18pt) WCAG AA × Fail

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

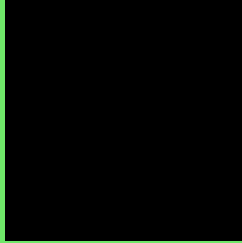
Any Text WCAG AA ✓ Pass

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 4285523817 Background



This preview shows how black text looks on a background with the Android color 4285523817.

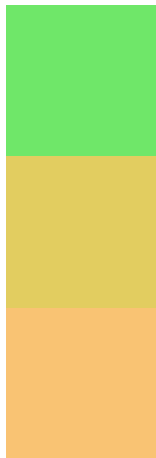


This preview shows how white text looks on a background with the Android color 4285523817.

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



Original Color
4285523817

Protanopia
4293053792

Deuteranopia
4294558579

Trichromacy



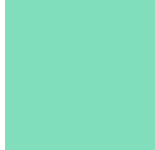
Original Color
4285523817



Protanomaly
4290303587



Deuteranomaly
4291285103

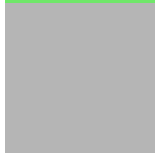


Tritanomaly
4286701244

Monochromacy



Original Color
4285523817



Achromatopsia
4290098613



Achromatomaly
4288464793

CSS Examples

Text

The CSS property to change the color of the text to Android 4285523817 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(111, 231, 105)` looks like.

```
.text, #text, p{  
    color:rgb(111, 231, 105)  
}
```

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(111, 231, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 231, 105) }
```

Border

The CSS property to change the border of an element to Android 4285523817 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(111, 231, 105) }
```

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

```
.border{ border-color:rgb(111, 231, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 231, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 231, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 231, 105);  
box-shadow:4px 4px 4px 4px rgb(111, 231,  
105) }
```

Background

The CSS property to change the background color of an element to Android 4285523817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 231, 105) }
```

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

```
.background{ background-color: rgb(111,  
231, 105) }
```

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