

Converting Colors

Android(4285390451)

Have a look what the booklet for
Android(4285390451) contains.

Android(4285390451)	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(4285390451)

Conversions

Conversions Part 1

Format	Color
Hex	6DDE73
RGB	109, 222, 115
RGB Percent	43%, 87%, 45%
CMY	0.5725, 0.1294, 0.5490
CMYK	0.51, 0.00, 0.48, 0.13
HSL	123°, 63%, 65%
HSV	123°, 51%, 87%
XYZ	35.5225, 56.7316, 25.2977
YIQ	176.0150, -33.0010, -57.2330

Conversions

Conversions Part 2

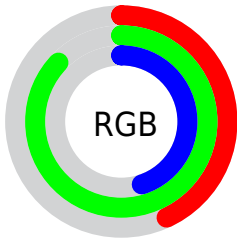
Format	Color
RYB	109, 216, 222
Decimal	7200371
CIELab	80.03, -53.76, 42.61
CIELCh	80, 68.600, 141.597
Yxy	56.7316, 0.3022, 0.4826
Android (android.graphics.Color)	4285390451 (0xFF6DDE73)
YUV	176.0150, -30.0804, -58.7722
Hunter-Lab	75.3204, -47.6268, 32.8106

Details

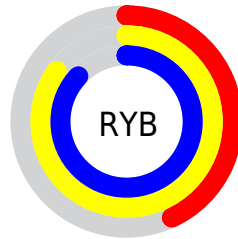
The Android color **4285390451** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **4292767192**, and the grayscale version is **4289769648**.

A 20% lighter version of the original color is **4289200041**, and **4281247296** is the 20% darker color. If you saturate the color by 10%, you get **4283948638**, and if you desaturate by 10%, it is **4286832264**.

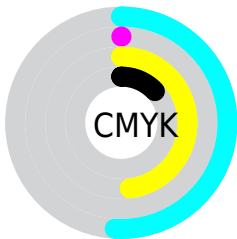
Distribution



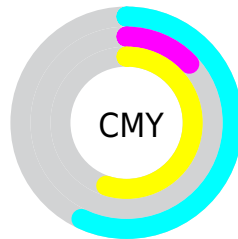
- Red (43%)
- Green (87%)
- Blue (45%)



- Red (43%)
- Yellow (85%)
- Blue (87%)



- Cyan (51%)
- Magenta (0%)
- Yellow (48%)
- Black (13%)



- Cyan (57%)
- Magenta (13%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285390451 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 4285390451 by changing the saturation by 10% instead.

 4285390451

 4285390451

4294967295

 4283417177

 4289200041

 4281247296

 4291166148

 4278225702

 4293066721

 4278218760

4294967294

 4278212352

 4278205952

 4278200320

 4278190080

 4285390451

 4285390451

■ 4283948638

■ 4286832264

■ 4282506825

■ 4288274077

■ 4280999476

■ 4289781426

■ 4279557663

■ 4291223239

■ 4278246924

■ 4292665052

■ 4294106865

■ 4294958847

Harmonies

Analogous

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



4290564422



4285390451



4278248882

Triad

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



4285390451



4278244351



4294938523

Complementary

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



4285390451



4292767192

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.



4294938331



4285390451



4289314303

Square

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



4285390451



4278247679



4294943487



4294943843

Rectangle

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



4285390451



4278249182



4294943487



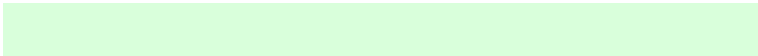
4294937776

Sweetspot

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



4285390451



4292476891



4292402797



4285104234



4278190080



4286611584

Same Dimension

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



4285390451



4284743532



4285390507



4284837990



4278235145



4278202371

Inverse Universe

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



4292767192



4294927351



4292767136



4285556080



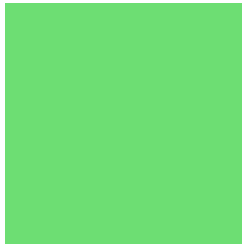
4289724583



4281335854

Previews

White Background



This preview shows how the Android color 4285390451 looks on a white background.

Color Contrast Check

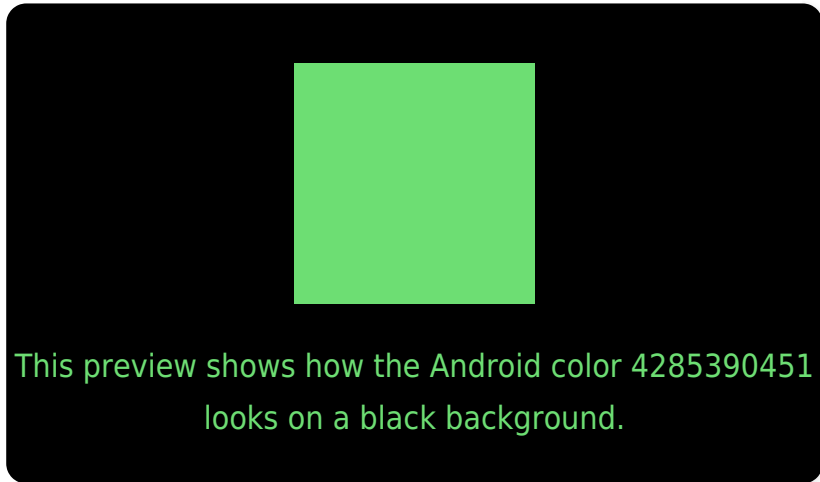
Large Text (above 18pt) WCAG AA × Fail

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

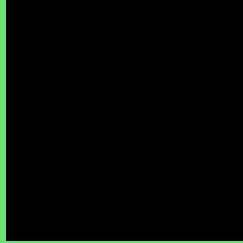
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

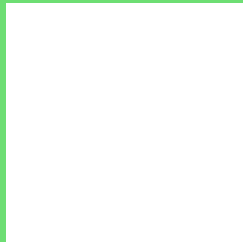
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4285390451 Background



This preview shows how black text looks on a background with the Android color 4285390451.



This preview shows how white text looks on a background with the Android color 4285390451.

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](#).

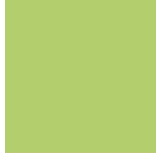
Dichromacy



Trichromacy



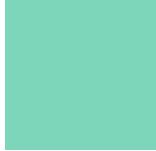
Original Color
4285390451



Protanomaly
4289908333



Deuteranomaly
4290758776



Tritanomaly
4286437050

Monochromacy



Original Color
4285390451



Achromatopsia
4289769648



Achromatomaly
4288201114

CSS Examples

Text

The CSS property to change the color of the text to Android 4285390451 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, 222, 115)` looks like.

```
.text, #text, p{  
    color:rgb(109, 222, 115)  
}
```

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, 222, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 222, 115) }
```

Border

The CSS property to change the border of an element to Android 4285390451 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, 222, 115) }
```

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

```
.border{ border-color:rgb(109, 222, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 222, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 222, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 222, 115);  
box-shadow:4px 4px 4px 4px rgb(109, 222,  
115) }
```

Background

The CSS property to change the background color of an element to Android 4285390451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 222, 115) }
```

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

```
.background{ background-color: rgb(109,  
222, 115) }
```

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