

Converting Colors

Android(4285398952)

Have a look what the booklet for
Android(4285398952) contains.

Android(4285398952)	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(4285398952)

Conversions

Conversions Part 1

Format	Color
Hex	6DFFA8
RGB	109, 255, 168
RGB Percent	43%, 100%, 66%
CMY	0.5725, 0.0000, 0.3412
CMYK	0.57, 0.00, 0.34, 0.00
HSL	144°, 100%, 71%
HSV	144°, 57%, 100%
XYZ	49.1346, 77.5984, 49.4341
YIQ	201.4280, -59.0890, -58.0090

Conversions

Conversions Part 2

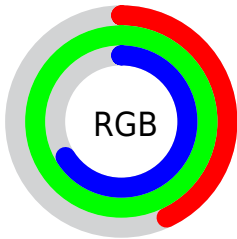
Format	Color
RYB	109, 213, 255
Decimal	7208872
CIELab	90.60, -58.18, 30.07
CIELCh	91, 65.493, 152.668
Yxy	77.5984, 0.2789, 0.4405
Android (android.graphics.Color)	4285398952 (0xFF6DFFA8)
YUV	201.4280, -16.4800, -81.0594
Hunter-Lab	88.0899, -54.5941, 28.3907

Details

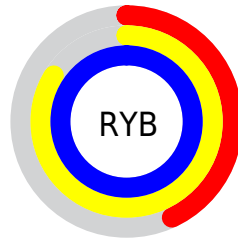
The Android color `4285398952` is a light color, and the websafe version is hex `66FF99`. A complement of this color would be `4294929860`, and the grayscale version is `4291480266`.

A 20% lighter version of the original color is `4289396704`, and `4280468851` is the 20% darker color. If you saturate the color by 10%, you get `4283760537`, and if you desaturate by 10%, it is `4287102903`.

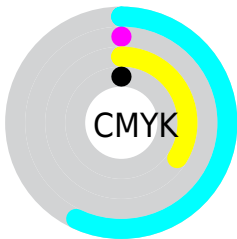
Distribution



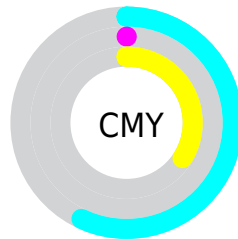
- Red (43%)
- Green (100%)
- Blue (66%)



- Red (43%)
- Yellow (84%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)



- Cyan (57%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285398952 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 4285398952 by changing the saturation by 10% instead.

 4285398952

 4285398952

4294967295

 4283228813

 4289396704

 4280468851

 4291428348

 4278233434

 4293394431

 4278226498

 4278219562

 4278212883

 4278206464

 4278200576

 4278191104

■ 4285398952

■ 4285398952

■ 4283760537

■ 4287102903

■ 4282056586

■ 4288741318

■ 4280418170

■ 4290445270

■ 4278714219

■ 4292083685

■ 4278255463

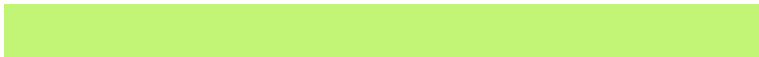
■ 4293787636

4294967295

Harmonies

Analogous

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



4290966646



4285398952



4278255592

Triad

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



4285398952



4286245375



4294948516

Complementary

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



4285398952



4294929860

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.



4294946529



4285398952



4293906943

Square

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



4285398952



4278254335



4294949631



4294954101

Rectangle

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



4285398952



4278255615



4294949631



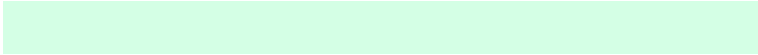
4294947511

Sweetspot

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



4285398952



4292149221



4291166061



4284907632



4278190080



4286611584

Same Dimension

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



4285398952



4283432854



4285399024



4285759608



4278239053



4278206490

Inverse Universe

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



4294929860



4294922168



4294929788



4286608250



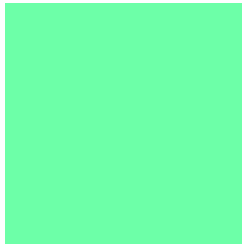
4290707570



4282384422

Previews

White Background



This preview shows how the Android color 4285398952 looks on a white background.

Color Contrast Check

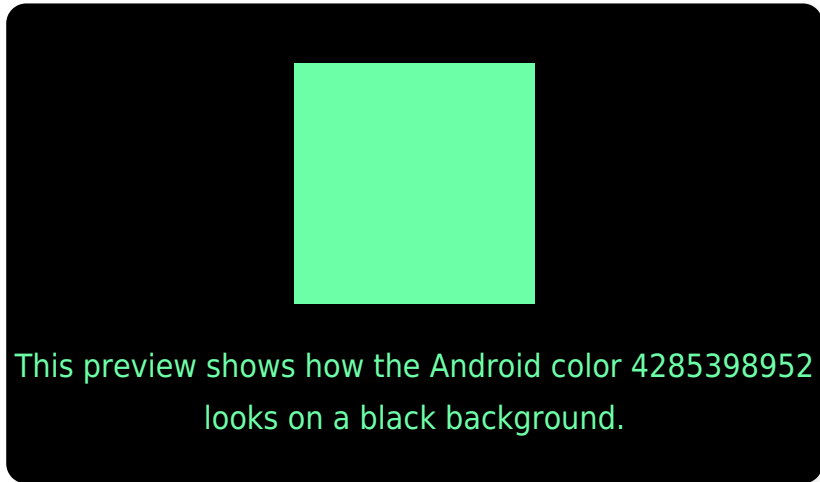
Large Text (above 18pt) WCAG AA × Fail

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

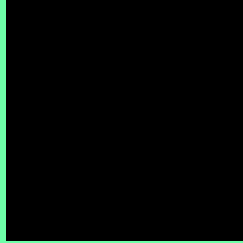
Any Text WCAG AA ✓ Pass

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 4285398952 Background



This preview shows how black text looks on a background with the Android color 4285398952.

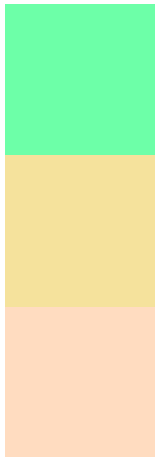


This preview shows how white text looks on a background with the Android color 4285398952.

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
[4285398952](#)

Protanopia
[4294304412](#)

Deuteranopia
[4294958272](#)



Tritanopia
4288933887

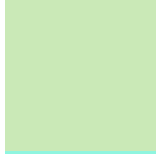
Trichromacy



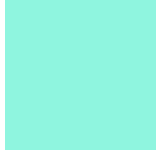
Original Color
4285398952



Protanomaly
4291095968

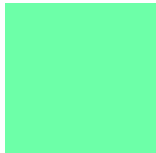


Deuteranomaly
4291488183

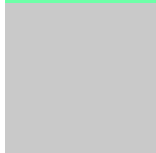


Tritanomaly
4287624671

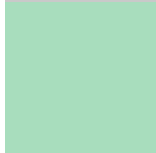
Monochromacy



Original Color
4285398952



Achromatopsia
4291414473



Achromatomaly
4289256893

CSS Examples

Text

The CSS property to change the color of the text to Android 4285398952 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, 255, 168)` looks like.

```
.text, #text, p{  
    color:rgb(109, 255, 168)  
}
```

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, 255, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 255, 168) }
```

Border

The CSS property to change the border of an element to Android 4285398952 is called "border". The border property can be set on classes, ids or directly on the HTML element.

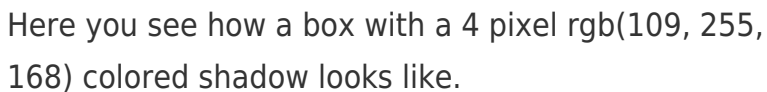
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 255, 168) }
```

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

```
.border{ border-color:rgb(109, 255, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(109, 255, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 255, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 255, 168); box-shadow:4px 4px 4px 4px rgb(109, 255, 168) }
```

Background

The CSS property to change the background color of an element to Android 4285398952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 255, 168) }
```

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

```
.background{ background-color: rgb(109,  
255, 168) }
```

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