

Converting Colors

Android(4285005046)

Have a look what the booklet for
Android(4285005046) contains.

Android(4285005046)	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(4285005046)

Conversions

Conversions Part 1

Format	Color
Hex	67FCF6
RGB	103, 252, 246
RGB Percent	40%, 99%, 96%
CMY	0.5961, 0.0118, 0.0353
CMYK	0.59, 0.00, 0.02, 0.01
HSL	178°, 96%, 70%
HSV	178°, 59%, 99%
XYZ	57.0385, 79.1582, 99.4616
YIQ	206.7650, -86.8780, -33.4540

Conversions

Conversions Part 2

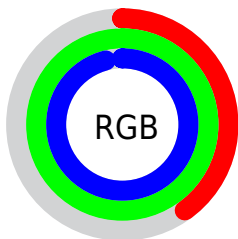
Format	Color
RYB	103, 179, 252
Decimal	6814966
CIELab	91.31, -40.78, -9.05
CIELCh	91, 41.775, 192.507
Yxy	79.1582, 0.2420, 0.3359
Android (android.graphics.Color)	4285005046 (0xFF67FCF6)
YUV	206.7650, 19.3429, -91.0019
Hunter-Lab	88.9709, -41.2642, -4.0014

Details

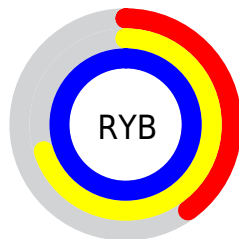
The Android color `4285005046` is a light color, and the websafe version is hex `66FFFF`. A complement of this color would be `4294731629`, and the grayscale version is `4291809231`.

A 20% lighter version of the original color is `4289200127`, and `4278240190` is the 20% darker color. If you saturate the color by 10%, you get `4283366645`, and if you desaturate by 10%, it is `4286643447`.

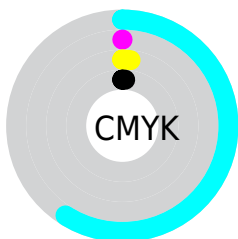
Distribution



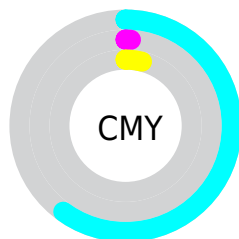
- Red (40%)
- Green (99%)
- Blue (96%)



- Red (40%)
- Yellow (70%)
- Blue (99%)



- Cyan (59%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (60%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285005046 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 4285005046 by changing the saturation by 10% instead.

 4285005046

 4285005046

4294967295

 4282572762

 4289200127

 4278240190

 4291231743

 4278232995

 4293263359

 4278226057

 4278219375

 4278212951

 4278206528

 4278200874

 4278192662

■ 4285005046

■ 4285005046

■ 4283366645

■ 4286643447

■ 4281728244

■ 4288281848

■ 4280024307

■ 4289985785

■ 4278385906

■ 4291624186

■ 4278254834

■ 4293262587

■ 4294900988

■ 4294966525

■ 4294966526

■ 4294966527

Harmonies

Analogous

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



4287953613



4285005046



4284283391

Triad

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



4285005046



4294956799



4294958234

Complementary

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



4285005046



4294731629

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.



4294954930



4285005046



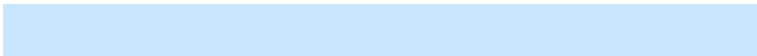
4294953983

Square

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



4285005046



4291421439



4294953175



4294044055

Rectangle

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



4285005046



4286051583



4294953175



4294956960

Sweetspot

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



4285005046



4291952637



4285463655



4284711038



4278190080



4286611584

Same Dimension

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



4285005046



4283105272



4284987900



4285562236



4278238645



4278205755

Inverse Universe

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



4294731629



4294920785



4294748775



4286410865



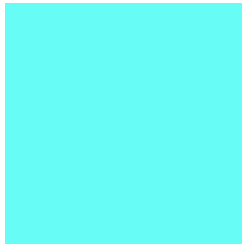
4290576392



4282187778

Previews

White Background



This preview shows how the Android color 4285005046 looks on a white background.

Color Contrast Check

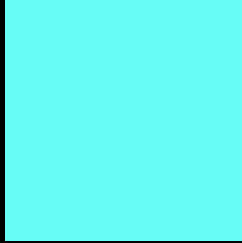
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4285005046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

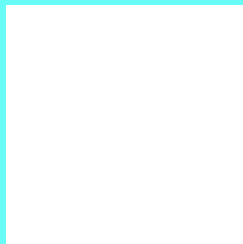
Any Text WCAG AAA ✓ Pass

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

Android 4285005046 Background



This preview shows how black text looks on a background with the Android color 4285005046.

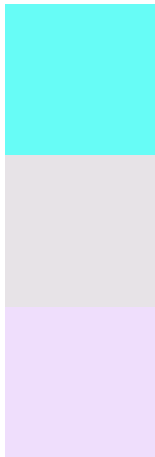


This preview shows how white text looks on a background with the Android color 4285005046.

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
4285005046

Protanopia
4293387239

Deuteranopia
4293910268

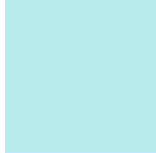


Tritanopia
4289131007

Trichromacy



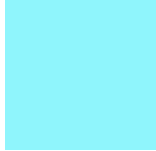
Original Color
4285005046



Protanomaly
4290309356

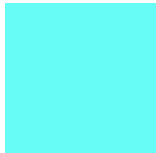


Deuteranomaly
4290701818

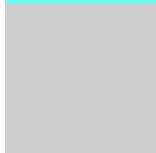


Tritanomaly
4287624700

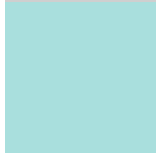
Monochromacy



Original Color
4285005046



Achromatopsia
4291809231



Achromatomaly
4289322973

CSS Examples

Text

The CSS property to change the color of the text to Android 4285005046 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(103, 252, 246)` looks like.

```
.text, #text, p{  
    color:rgb(103, 252, 246)  
}
```

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(103, 252, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 252, 246) }
```

Border

The CSS property to change the border of an element to Android 4285005046 is called "border". The border property can be set on classes, ids or directly on the HTML element.

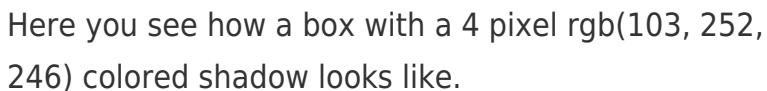
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(103, 252, 246) }
```

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

```
.border{ border-color:rgb(103, 252, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(103, 252, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 252, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 252, 246);  
box-shadow:4px 4px 4px 4px rgb(103, 252,  
246) }
```

Background

The CSS property to change the background color of an element to Android 4285005046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 252, 246) }
```

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

```
.background{ background-color: rgb(103,  
252, 246) }
```

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