

# Converting Colors

Android(4285923285)

Have a look what the booklet for  
Android(4285923285) contains.

<b>Android(4285923285)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4285923285)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75FFD5
RGB	117, 255, 213
RGB Percent	46%, 100%, 84%
CMY	0.5412, 0.0000, 0.1647
CMYK	0.54, 0.00, 0.16, 0.00
HSL	162°, 100%, 73%
HSV	162°, 54%, 100%
XYZ	55.1064, 80.1060, 75.5084
YIQ	208.9500, -68.7660, -42.3180

# Conversions

## Conversions Part 2

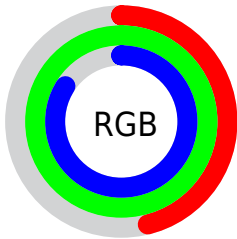
Format	Color
<a href="#">RYB</a>	<a href="#">117, 198, 255</a>
Decimal	<a href="#">7733205</a>
CIELab	<a href="#">91.73, -47.44, 8.72</a>
CIELCh	<a href="#">92, 48.233, 169.587</a>
Yxy	<a href="#">80.1060, 0.2615, 0.3802</a>
Android (android.graphics.Color)	<a href="#">4285923285 (0xFF75FFD5)</a>
YUV	<a href="#">208.9500, 1.9966, -80.6402</a>
Hunter-Lab	<a href="#">89.5020, -46.7260, 12.6313</a>

# Details

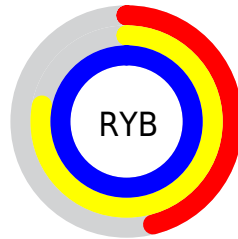
The Android color `4285923285` is a light color, and the websafe version is hex `66FFCC`. A complement of this color would be `4294931871`, and the grayscale version is `4291940817`.

A 20% lighter version of the original color is `4289921023`, and `4281386398` is the 20% darker color. If you saturate the color by 10%, you get `4284219341`, and if you desaturate by 10%, it is `4287627229`.

# Distribution



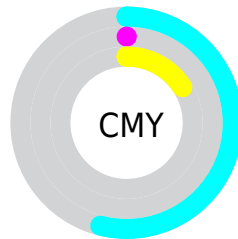
- Red (46%)
- Green (100%)
- Blue (84%)



- Red (46%)
- Yellow (78%)
- Blue (100%)



- Cyan (54%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (54%)
- Magenta (0%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285923285 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 4285923285 by changing the saturation by 10% instead.





4285923285



4285923285

4294967295



4283818681



4289921023



4281386398



4291887103



4278233732



4293853183



4278226795



4278219859



4278213436



4278207014



4278201361



4278193152

 4285923285

 4285923285

 4284219341

 4287627229

 4282580933

 4289265637

 4280876990

 4290969580

 4279238582

 4292607988

 4278255537

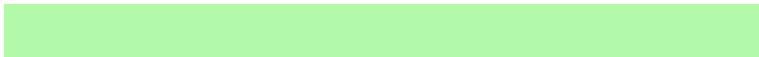
 4294246396

4294967295

# Harmonies

## Analogous

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



4289919402



4285923285



4280877055

# Triad

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



4285923285



4292207103



4294954915

# Complementary

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



4285923285



4294931871

# 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.



4294952139



4285923285



4294955263

# Square

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



4285923285



4287033855



4294952441



4294958988

# Rectangle

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



4285923285



4278517247



4294952441



4294953902

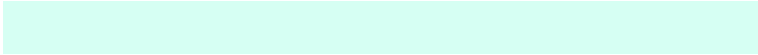


# Sweetspot

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



4285923285



4292280307



4288806773



4284973176



4278190080

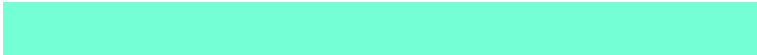


4286611584



# Same Dimension

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



4285923285



4284088269



4285916927



4285759612



4278239109



4278206508



# Inverse Universe

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



4294931871



4294924684



4294938229



4286608247



4290707514

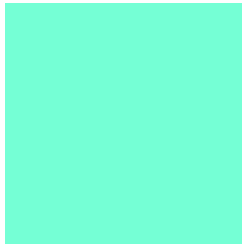


4282384403



# Previews

## White Background



This preview shows how the Android color 4285923285 looks on a white background.

## Color Contrast Check

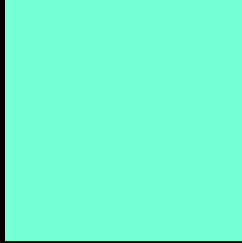
Large Text (above 18pt) WCAG AA × Fail

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 4285923285 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 4285923285 Background



This preview shows how black text looks on a background with the Android color 4285923285.

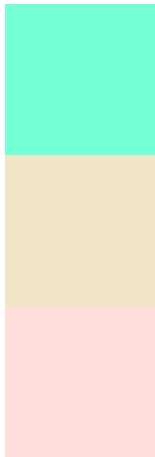


This preview shows how white text looks on a background with the Android color 4285923285.

# 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**  
[4285923285](#)

**Protanopia**  
[4294043079](#)

**Deuteranopia**  
[4294958812](#)



**Tritanopia**  
4289720831

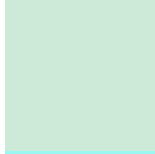
# Trichromacy



**Original Color**  
4285923285



**Protanomaly**  
4291096268



**Deuteranomaly**  
4291685081

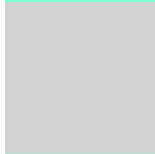


**Tritanomaly**  
4288345840

# Monochromacy



**Original Color**  
4285923285



**Achromatopsia**  
4291940817



**Achromatomaly**  
4289782482

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285923285 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(117, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(117, 255, 213)  
}
```

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(117, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 255, 213) }
```

## Border

The CSS property to change the border of an element to Android 4285923285 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(117, 255, 213) }
```

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

```
.border{ border-color:rgb(117, 255, 213) }
```

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

Here you see how a box with a 4 pixel rgb(117, 255, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(117, 255,  
213) }
```

# Background

The CSS property to change the background color of an element to Android 4285923285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 255, 213) }
```

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

```
.background{ background-color: rgb(117,  
255, 213) }
```

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