

# Converting Colors

Android(4285199861)

Have a look what the booklet for  
Android(4285199861) contains.

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# **Color**

**Android(4285199861)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AF5F5
RGB	106, 245, 245
RGB Percent	42%, 96%, 96%
CMY	0.5843, 0.0392, 0.0392
CMYK	0.57, 0.00, 0.00, 0.04
HSL	180°, 87%, 69%
HSV	180°, 57%, 96%
XYZ	55.0777, 74.9616, 97.9523
YIQ	203.4390, -82.8440, -29.4680

# Conversions

## Conversions Part 2

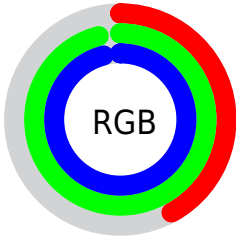
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">106, 176, 245</a>
Decimal	<a href="#">7009781</a>
CIELab	<a href="#">89.37, -37.35, -11.39</a>
CIELCh	<a href="#">89, 39.048, 196.958</a>
Yxy	<a href="#">74.9616, 0.2416, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4285199861 (0xFF6AF5F5)</a>
YUV	<a href="#">203.4390, 20.4896, -85.4540</a>
Hunter-Lab	<a href="#">86.5803, -37.9636, -6.4713</a>

# Details

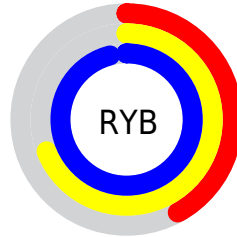
The Android color `4285199861` is a light color, and the websafe version is hex `66FFFF`. A complement of this color would be `4294273642`, and the grayscale version is `4291546059`.

A 20% lighter version of the original color is `4289331199`, and `4279549117` is the 20% darker color. If you saturate the color by 10%, you get `4283626997`, and if you desaturate by 10%, it is `4286838261`.

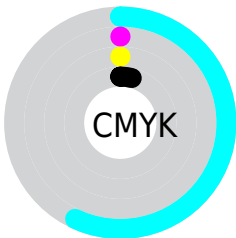
# Distribution



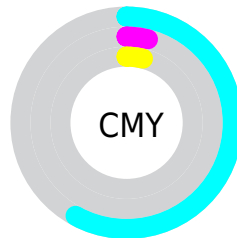
- Red (42%)
- Green (96%)
- Blue (96%)



- Red (42%)
- Yellow (69%)
- Blue (96%)



- Cyan (57%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (58%)
- Magenta (4%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285199861 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 4285199861 by changing the saturation by 10% instead.



 4285199861

 4285199861

4294967295

 4282898649

 4289331199

 4279549117

 4291362815

 4278231458

 4293328895

 4278224520

 4278217838

 4278211414

 4278205247

 4278200105

 4278190357

■ 4285199861

■ 4285199861

■ 4283626997

■ 4286838261

■ 4281988597

■ 4288411125

■ 4280350197

■ 4289983989

■ 4278777333

■ 4291622389

■ 4278253045

■ 4293260789

■ 4294833653

■ 4294964725

# Harmonies

## Analogous

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



4287624399



4285199861



4285198847

# Triad

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



4285199861



4294955263



4294957464

# Complementary

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



4285199861



4294273642

# 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.



4294954412



4285199861



4294952690

# Square

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



4285199861



4291812863



4294952397



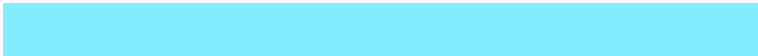
4293256601

# Rectangle

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



4285199861



4286901503



4294952397



4294956189



# Sweetspot

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



4285199861



4292149247



4285199722



4284907648



4278190080



4286611584



# Same Dimension

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



4285199861



4283629567



4285182197



4285430394



4278237882



4278205243



# Inverse Universe

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



4294273781



4294923007



4294291562



4286213754



4290379962

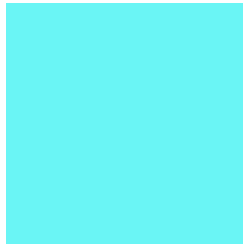


4282056763



# Previews

## White Background



This preview shows how the Android color 4285199861 looks on a white background.

## Color Contrast Check

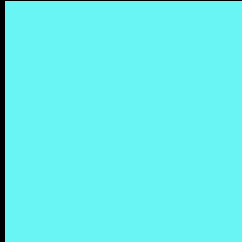
Large Text (above 18pt) WCAG AA × Fail

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 4285199861 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 4285199861 Background



This preview shows how black text looks on a background with the Android color 4285199861.

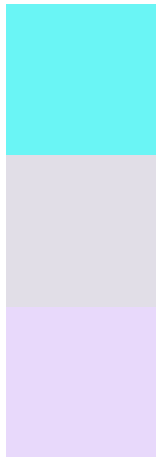


This preview shows how white text looks on a background with the Android color 4285199861.

# 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**  
4285199861

**Protanopia**  
4292992743

**Deuteranopia**  
4293450235

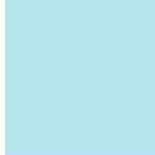


**Tritanopia**  
4287623167

# Trichromacy



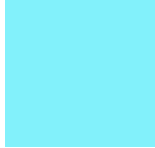
**Original Color**  
4285199861



**Protanomaly**  
4290176748



**Deuteranomaly**  
4290438137

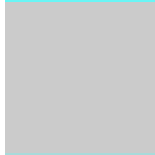


**Tritanomaly**  
4286771707

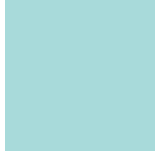
# Monochromacy



**Original Color**  
4285199861



**Achromatopsia**  
4291546059



**Achromatomaly**  
4289256154

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285199861 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(106, 245, 245)` looks like.

```
.text, #text, p{  
    color:rgb(106, 245, 245)  
}
```

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(106, 245, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 245, 245) }
```

## Border

The CSS property to change the border of an element to Android 4285199861 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(106, 245, 245) }
```

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

```
.border{ border-color:rgb(106, 245, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 245, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 245, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 245, 245);  
box-shadow:4px 4px 4px 4px rgb(106, 245,  
245) }
```

# Background

The CSS property to change the background color of an element to Android 4285199861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 245, 245) }
```

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

```
.background{ background-color: rgb(106,  
245, 245) }
```

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](#).



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