

# Converting Colors

Android(4285854133)

Have a look what the booklet for  
Android(4285854133) contains.

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# **Color**

**Android(4285854133)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74F1B5
RGB	116, 241, 181
RGB Percent	45%, 95%, 71%
CMY	0.5451, 0.0549, 0.2902
CMYK	0.52, 0.00, 0.25, 0.05
HSL	151°, 82%, 70%
HSV	151°, 52%, 95%
XYZ	46.9982, 69.9598, 54.7426
YIQ	196.7850, -55.2400, -45.1600

# Conversions

## Conversions Part 2

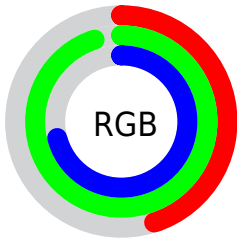
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 198, 241
Decimal	7664053
CIE <sub>Lab</sub>	86.98, -48.48, 18.51
CIE <sub>LCh</sub>	87, 51.899, 159.100
Yxy	69.9598, 0.2737, 0.4075
Android (android.graphics.Color)	4285854133 (0xFF74F1B5)
YUV	196.7850, -7.7820, -70.8484
Hunter-Lab	83.6420, -46.0747, 19.7448

# Details

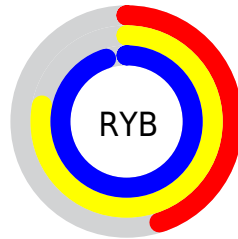
The Android color `4285854133` is a light color, and the websafe version is hex `66FFCC`. A complement of this color would be `4294014128`, and the grayscale version is `4291151301`.

A 20% lighter version of the original color is `4289724397`, and `4281645184` is the 20% darker color. If you saturate the color by 10%, you get `4284281257`, and if you desaturate by 10%, it is `4287427009`.

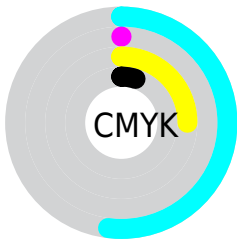
# Distribution



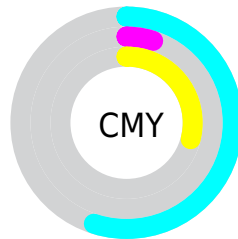
- Red (45%)
- Green (95%)
- Blue (71%)



- Red (45%)
- Yellow (78%)
- Blue (95%)



- Cyan (52%)
- Magenta (0%)
- Yellow (25%)
- Black (5%)



- Cyan (55%)
- Magenta (5%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285854133 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 4285854133 by changing the saturation by 10% instead.



 4285854133


 4285854133

4294967295

 4283880602

 4289724397

 4281645184

 4291690495

 4278230375

 4293656575

 4278223438

 4278216759

 4278210337

 4278204172

 4278198272

 4278190080

 4285854133


 4285854133

 4284281257

 4287427009

 4282708382

 4288999884

 4281135506

 4290572760

 4279562631

 4292145635

 4278251901

 4293718511

 4294963706

 4294963711

# Harmonies

## Analogous

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



4290111883



4285854133



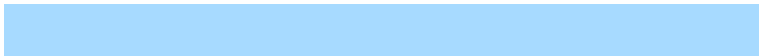
4278252776

# Triad

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



4285854133



4289190655



4294949534

# Complementary

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



4285854133



4294014128

# 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.



4294947533



4285854133



4294100991

# Square

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



4285854133



4281788671



4294948862



4294953854

# Rectangle

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



4285854133



4278252543



4294948862



4294948524

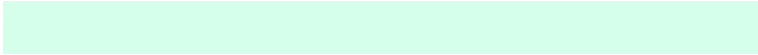


# Sweetspot

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



4285854133



4292280299



4289786228



4284973172



4278190080



4286611584



# Same Dimension

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



4285854133



4284612531



4285853681



4285298802



4278237279



4278204445



# Inverse Universe

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



4294014128



4294926765



4294014580



4286082162



4290248792



4281860123



# Previews

## White Background



This preview shows how the Android color 4285854133 looks on a white background.

## Color Contrast Check

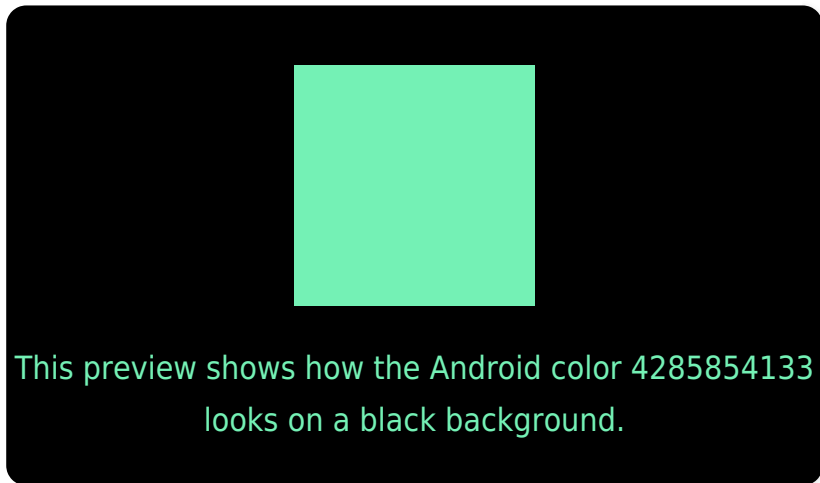
Large Text (above 18pt) WCAG AA × Fail

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 4285854133 Background



This preview shows how black text looks on a background with the Android color 4285854133.




This preview shows how white text looks on a background with the Android color 4285854133.

# 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



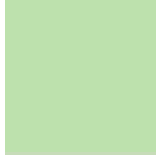


**Tritanopia**  
4287162619

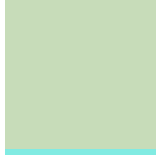
# Trichromacy



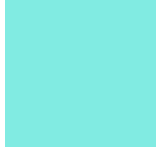
**Original Color**  
4285854133



**Protanomaly**  
4290634157



**Deuteranomaly**  
4291288249

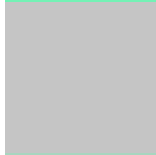


**Tritanomaly**  
4286704610

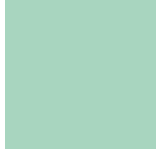
# Monochromacy



**Original Color**  
4285854133



**Achromatopsia**  
4291151301



**Achromatomaly**  
4289254847

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285854133 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(116, 241, 181)` looks like.

```
.text, #text, p{  
    color:rgb(116, 241, 181)  
}
```

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(116, 241, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 241, 181) }
```

## Border

The CSS property to change the border of an element to Android 4285854133 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(116, 241, 181) }
```

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

```
.border{ border-color:rgb(116, 241, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 241, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 241, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 241, 181); box-shadow:4px 4px 4px 4px rgb(116, 241, 181) }
```

# Background

The CSS property to change the background color of an element to Android 4285854133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 241, 181) }
```

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

```
.background{ background-color: rgb(116,  
241, 181) }
```

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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