

# Converting Colors

Android(4283953834)

Have a look what the booklet for  
Android(4283953834) contains.

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# **Color**

**Android(4283953834)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57F2AA
RGB	87, 242, 170
RGB Percent	34%, 95%, 67%
CMY	0.6588, 0.0510, 0.3333
CMYK	0.64, 0.00, 0.30, 0.05
HSL	152°, 86%, 65%
HSV	152°, 64%, 95%
XYZ	42.9383, 68.4328, 48.9760
YIQ	187.4470, -69.2680, -55.2520

# Conversions

## Conversions Part 2

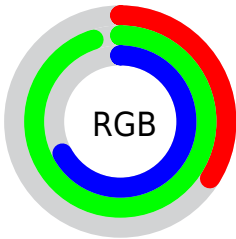
Format	Color
<a href="#">RYB</a>	<a href="#">87, 188, 242</a>
Decimal	<a href="#">5763754</a>
CIELab	<a href="#">86.22, -56.96, 23.01</a>
CIELCh	<a href="#">86, 61.431, 158.007</a>
Yxy	<a href="#">68.4328, 0.2678, 0.4268</a>
Android (android.graphics.Color)	<a href="#">4283953834 (0xFF57F2AA)</a>
YUV	<a href="#">187.4470, -8.6014, -88.0920</a>
Hunter-Lab	<a href="#">82.7241, -52.1160, 22.8048</a>

# Details

The Android color `4283953834` is a light color, and the websafe version is hex `66FFCC`. The color can be described as light muted spring green. A complement of this color would be `4294072223`, and the grayscale version is `4290559164`.

A 20% lighter version of the original color is `4288151522`, and `4278237557` is the 20% darker color. If you saturate the color by 10%, you get `4282380959`, and if you desaturate by 10%, it is `4285526709`.

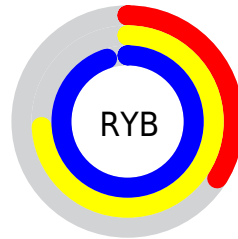
# Distribution



Red (34%)

Green (95%)

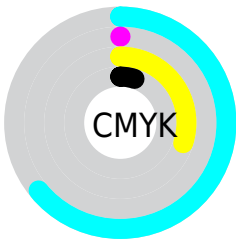
Blue (67%)



Red (34%)

Yellow (74%)

Blue (95%)

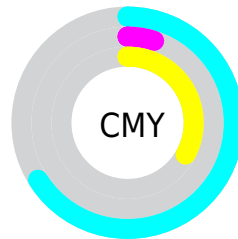


Cyan (64%)

Magenta (0%)

Yellow (30%)

Black (5%)



Cyan (66%)

Magenta (5%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283953834 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 4283953834 by changing the saturation by 10% instead.



 4283953834

 4283953834

4294967295

 4281390479

 4288151522

 4278237557

 4290183166

 4278230364

 4292149247

 4278223428

 4294180863

 4278216749

 4278210071

 4278203904

 4278197760

 4278190080

 4283953834

 4283953834

 4282380959

 4285526709

 4280808084


 4287099584

 4279169672

 4288737996

 4278252162

 4290310871

 4291883746

 4293456621

 4294963961

 4294963967

# Harmonies

## Analogous

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



4289587576



4283953834



4278253030

# Triad

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



4283953834



4287617535



4294947219

# Complementary

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



4283953834



4294072223

# 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.



4294944458



4283953834



4294034175

# Square

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



4283953834



4278249983



4294946559



4294952299

# Rectangle

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



4283953834



4278252799



4294946559



4294945700

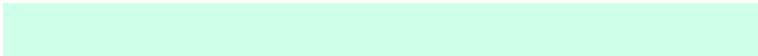


# Sweetspot

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



4283953834



4291821544



4288672343



4284645490



4278190080



4286611584



# Same Dimension

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



4283953834



4282122148



4283952626



4285298802



4278237282



4278204446



# Inverse Universe

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



4294072223



4294917014



4294073431



4286082161



4290248789

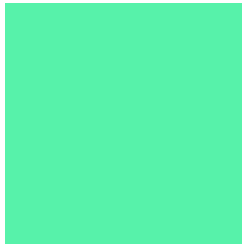


4281860122



# Previews

## White Background



This preview shows how the Android color 4283953834 looks on a white background.

## Color Contrast Check

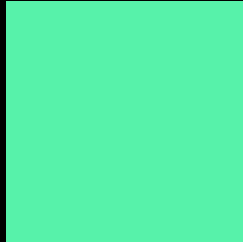
Large Text (above 18pt) WCAG AA × Fail

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 4283953834 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

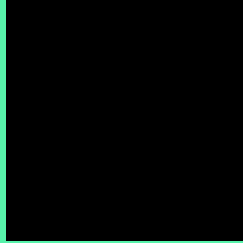
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4283953834 Background



This preview shows how black text looks on a background with the Android color 4283953834.

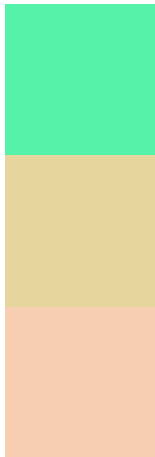


This preview shows how white text looks on a background with the Android color 4283953834.

# 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**  
4283953834

**Protanopia**  
4293318301

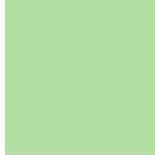
**Deuteranopia**  
4294430386



# Trichromacy



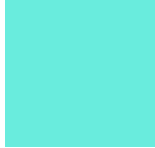
**Original Color**  
4283953834



**Protanomaly**  
4289912994



**Deuteranomaly**  
4290632623

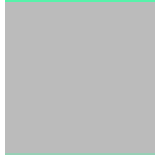


**Tritanomaly**  
4285131997

# Monochromacy



**Original Color**  
4283953834



**Achromatopsia**  
4290493371



**Achromatomaly**  
4288139189

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283953834 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(87, 242, 170)` looks like.

```
.text, #text, p{  
    color:rgb(87, 242, 170)  
}
```

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(87, 242, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 242, 170) }
```

## Border

The CSS property to change the border of an element to Android 4283953834 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(87, 242, 170) }
```

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

```
.border{ border-color:rgb(87, 242, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 242, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 242, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 242, 170);  
box-shadow:4px 4px 4px 4px rgb(87, 242,  
170) }
```

# Background

The CSS property to change the background color of an element to Android 4283953834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 242, 170) }
```

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

```
.background{ background-color: rgb(87, 242,  
170) }
```

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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