

# Converting Colors

Android(4283558847)

Have a look what the booklet for  
Android(4283558847) contains.

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# **Color**

**Android(4283558847)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51EBBF
RGB	81, 235, 191
RGB Percent	32%, 92%, 75%
CMY	0.6824, 0.0784, 0.2510
CMYK	0.66, 0.00, 0.19, 0.08
HSL	163°, 79%, 62%
HSV	163°, 66%, 92%
XYZ	42.5056, 64.9276, 59.5822
YIQ	183.9380, -77.6600, -46.3320

# Conversions

## Conversions Part 2

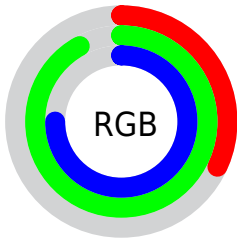
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 171, 235
Decimal	5368767
CIELab	84.45, -50.60, 9.60
CIELCh	84, 51.500, 169.261
Yxy	64.9276, 0.2545, 0.3888
Android (android.graphics.Color)	4283558847 (0xFF51EBBF)
YUV	183.9380, 3.4816, -90.2766
Hunter-Lab	80.5777, -46.8501, 12.5631

# Details

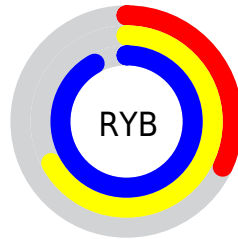
The Android color **4283558847** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **4293611901**, and the grayscale version is **4290295992**.

A 20% lighter version of the original color is **4287823863**, and **4278235786** is the 20% darker color. If you saturate the color by 10%, you get **4282051512**, and if you desaturate by 10%, it is **4285131718**.

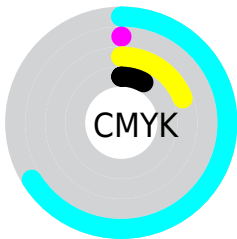
# Distribution



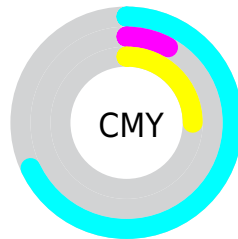
- Red (32%)
- Green (92%)
- Blue (75%)



- Red (32%)
- Yellow (67%)
- Blue (92%)



- Cyan (66%)
- Magenta (0%)
- Yellow (19%)
- Black (8%)



- Cyan (68%)
- Magenta (8%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283558847 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 4283558847 by changing the saturation by 10% instead.



 4283558847

 4283558847

4294967295

 4280864420

 4287823863

 4278235786

 4289855487

 4278228848

 4291821567

 4278221912

 4293853183

 4278215232

 4278208810

 4278202902

 4278196224

 4278190080

 4283558847

 4283558847

 4282051512

 4285131718

 4280478642

 4286639052

 4278971307

 4288211923

 4278250408

 4289719258

 4291292129

 4292799463

 4294372334

 4294962165

 4294962171

# Harmonies

## Analogous

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



4288341393



4283558847



4278250737

# Triad

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



4283558847



4290629119



4294949259

# Complementary

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



4283558847



4293611901

# 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.



4294946229



4283558847



4294884095

# Square

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



4283558847



4284407295



4294946278



4294953586

# Rectangle

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



4283558847



4278250239



4294946278



4294947992

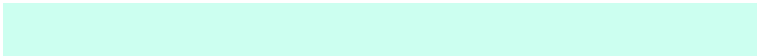


# Sweetspot

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



4283558847



4291624944



4286573393



4284579959



4278190080



4286611584



# Same Dimension

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



4283558847



4281794501



4283550955



4285166962



4278236545



4278203942



# Inverse Universe

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



4293611901



4294915695



4293619793



4285885037



4290052148

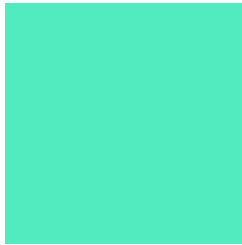


4281729039



# Previews

## White Background



This preview shows how the Android color 4283558847 looks on a white background.

## Color Contrast Check

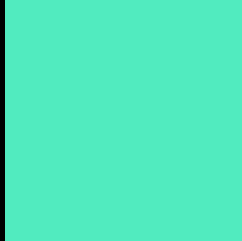
Large Text (above 18pt) WCAG AA × Fail

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 4283558847 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 4283558847 Background



This preview shows how black text looks on a background with the Android color 4283558847.

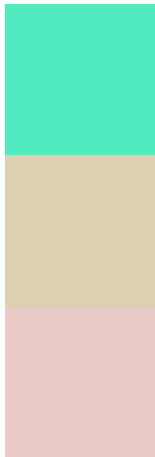


This preview shows how white text looks on a background with the Android color 4283558847.

# 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**  
4283558847

**Protanopia**  
4292661425

**Deuteranopia**  
4293511878



# Trichromacy



**Original Color**  
4283558847



**Protanomaly**  
4289321654



**Deuteranomaly**  
4289910467

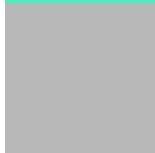


**Tritanomaly**  
4284540642

# Monochromacy



**Original Color**  
4283558847



**Achromatopsia**  
4290295992



**Achromatomaly**  
4287876027

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283558847 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(81, 235, 191)` looks like.

```
.text, #text, p{  
    color:rgb(81, 235, 191)  
}
```

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(81, 235, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 235, 191) }
```

## Border

The CSS property to change the border of an element to Android 4283558847 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(81, 235, 191) }
```

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

```
.border{ border-color:rgb(81, 235, 191) }
```

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

Here you see how a box with a 4 pixel rgb(81, 235, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 235, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 235, 191);  
box-shadow:4px 4px 4px 4px rgb(81, 235,  
191) }
```

# Background

The CSS property to change the background color of an element to Android 4283558847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 235, 191) }
```

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

```
.background{ background-color: rgb(81, 235,  
191) }
```

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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