

# Converting Colors

Android(4281594055)

Have a look what the booklet for  
Android(4281594055) contains.

<b>Android(4281594055)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4281594055)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33F0C7
RGB	51, 240, 199
RGB Percent	20%, 94%, 78%
CMY	0.8000, 0.0588, 0.2196
CMYK	0.79, 0.00, 0.17, 0.06
HSL	167°, 86%, 57%
HSV	167°, 79%, 94%
XYZ	42.8341, 67.1475, 64.7360
YIQ	178.8150, -99.4830, -52.8190

# Conversions

## Conversions Part 2

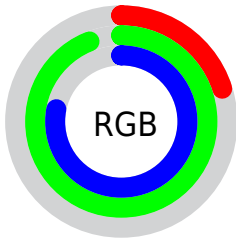
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	51, 157, 240
Decimal	3403975
CIE Lab	85.58, -54.50, 6.96
CIE LCh	86, 54.938, 172.720
Yxy	67.1475, 0.2452, 0.3843
Android (android.graphics.Color)	4281594055 (0xFF33F0C7)
YUV	178.8150, 9.9512, -112.0938
Hunter-Lab	81.9436, -50.0945, 10.5210

# Details

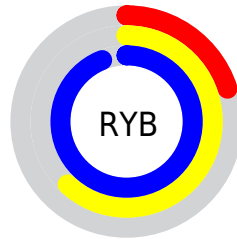
The Android color `4281594055` is a light color, and the websafe version is hex `33FFCC`. The color can be described as light washed cyan. A complement of this color would be `4293931868`, and the grayscale version is `4289967027`.

A 20% lighter version of the original color is `4286644223`, and `4278237073` is the 20% darker color. If you saturate the color by 10%, you get `4280021186`, and if you desaturate by 10%, it is `4283166924`.

# Distribution



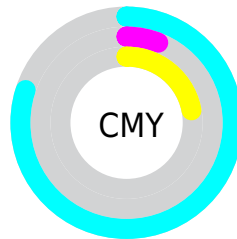
- Red (20%)
- Green (94%)
- Blue (78%)



- Red (20%)
- Yellow (62%)
- Blue (94%)



- Cyan (79%)
- Magenta (0%)
- Yellow (17%)
- Black (6%)



- Cyan (80%)
- Magenta (6%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281594055 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 4281594055 by changing the saturation by 10% instead.





4281594055



4281594055

4294967295



4278244268



4286644223



4278237073



4288806911



4278229880



4290838527



4278222943



4292935679



4278216263



4278209841




4278203676




4278197250



4278190080

 4281594055

 4281594055

 4280021186

 4283166924

 4278448317

 4284739793

 4278251708

 4286312663

 4287885532

 4289458401

 4291031270

 4292604139

 4294177009

 4294963446

# Harmonies

## Analogous

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



4287752853



4281594055



4278251772

# Triad

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



4281594055



4291284479



4294950021

# Complementary

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



4281594055



4293931868

# 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.



4294946481



4281594055



4294949375

# Square

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



4281594055



4284538879



4294946021



4294954861

# Rectangle

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



4281594055



4278251263



4294946021



4294948498

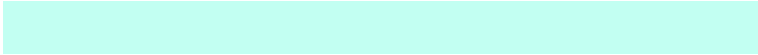


# Sweetspot

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



4281594055



4290969586



4284477491



4284186743



4278190080



4286611584



# Same Dimension

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



4281594055



4279107530



4281581296



4285298805



4278237328



4278204460



# Inverse Universe

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



4293931868



4294905153



4293944627



4286082158



4290248744

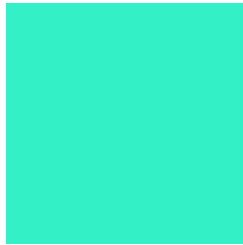


4281860108



# Previews

## White Background



This preview shows how the Android color 4281594055 looks on a white background.

## Color Contrast Check

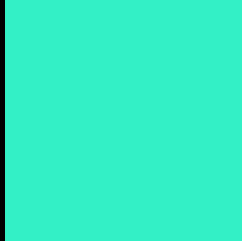
Large Text (above 18pt) WCAG AA × Fail

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 4281594055 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 4281594055 Background



This preview shows how black text looks on a background with the Android color 4281594055.

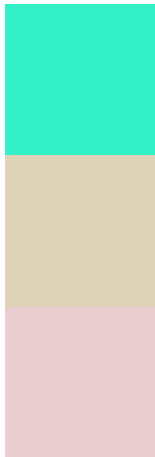


This preview shows how white text looks on a background with the Android color 4281594055.

# 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**  
4281594055

**Protanopia**  
4292793272

**Deuteranopia**  
4293578191



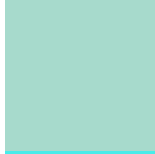
# Trichromacy



**Original Color**  
4281594055



**Protanomaly**  
4288732861



**Deuteranomaly**  
4289190604

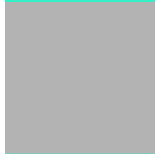


**Tritanomaly**  
4282969321

# Monochromacy



**Original Color**  
4281594055



**Achromatopsia**  
4289967027



**Achromatomaly**  
4286892474

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281594055 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(51, 240, 199)` looks like.

```
.text, #text, p{  
    color:rgb(51, 240, 199)  
}
```

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(51, 240, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 240, 199) }
```

## Border

The CSS property to change the border of an element to Android 4281594055 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(51, 240, 199) }
```

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

```
.border{ border-color:rgb(51, 240, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 240, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 240, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 240, 199);  
box-shadow:4px 4px 4px 4px rgb(51, 240,  
199) }
```

# Background

The CSS property to change the background color of an element to Android 4281594055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 240, 199) }
```

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

```
.background{ background-color: rgb(51, 240,  
199) }
```

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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