

# Converting Colors

Android(4281597852)

Have a look what the booklet for  
Android(4281597852) contains.

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# **Color**

**Android(4281597852)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33FF9C
RGB	51, 255, 156
RGB Percent	20%, 100%, 61%
CMY	0.8000, 0.0000, 0.3882
CMYK	0.80, 0.00, 0.39, 0.00
HSL	151°, 100%, 60%
HSV	151°, 80%, 100%
XYZ	43.1260, 74.6241, 43.5834
YIQ	182.7180, -89.8050, -74.0370

# Conversions

## Conversions Part 2

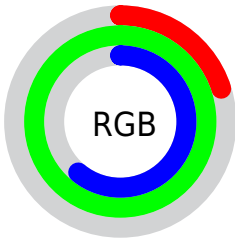
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 186, 255
Decimal	3407772
CIELab	89.22, -69.31, 34.01
CIELCh	89, 77.205, 153.861
Yxy	74.6241, 0.2673, 0.4625
Android (android.graphics.Color)	4281597852 (0xFF33FF9C)
YUV	182.7180, -13.1720, -115.5167
Hunter-Lab	86.3852, -62.0619, 30.5565

# Details

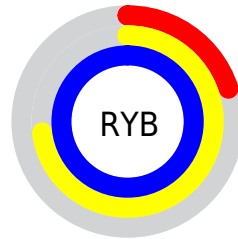
The Android color `4281597852` is a light color, and the websafe version is hex `33FF99`. The color can be described as light washed spring green. A complement of this color would be `4294914966`, and the grayscale version is `4290230199`.

A 20% lighter version of the original color is `4286775251`, and `4278240616` is the 20% darker color. If you saturate the color by 10%, you get `4279893904`, and if you desaturate by 10%, it is `4283301800`.

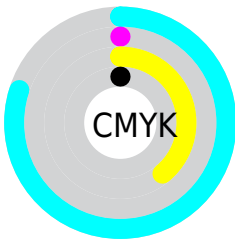
# Distribution



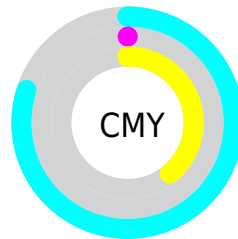
- Red (20%)
- Green (100%)
- Blue (61%)



- Red (20%)
- Yellow (73%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)




- Cyan (80%)
- Magenta (0%)
- Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281597852 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 4281597852 by changing the saturation by 10% instead.



 4281597852

 4281597852

4294967295

 4278248065

 4286775251

 4278240616

 4288937968

 4278233423

 4291035135

 4278226230

 4293132287

 4278219294

 4278212611

 4278206208

 4278199808

 4278190080

■ 4281597852

■ 4281597852

■ 4279893904

■ 4283301800

■ 4278255491

■ 4284940213

■ 4286644161

■ 4288282574

■ 4289986522

■ 4291624934

■ 4293328883

4294967295

# Harmonies

## Analogous

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



4289917789



4281597852



4278255592

# Triad

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



4281597852



4282770943



4294944914

# Complementary

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



4281597852



4294914966

# 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.



4294941914



4281597852



4293904895

# Square

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



4281597852



4278254079



4294945535



4294952025

# Rectangle

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



4281597852



4278255615



4294945535



4294943145

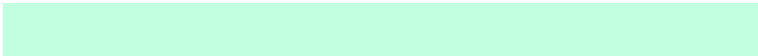


# Sweetspot

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



4281597852



4290969569



4288282419



4284186734



4278190080



4286611584



# Same Dimension

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



4281597852



4278910856



4281597951



4285759609



4278239074



4278206497



# Inverse Universe

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



4294914966



4294904449



4294914867



4286608249



4290707549

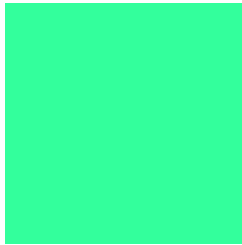


4282384415



# Previews

## White Background



This preview shows how the Android color 4281597852 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 4281597852 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 4281597852 Background



This preview shows how black text looks on a background with the Android color 4281597852.

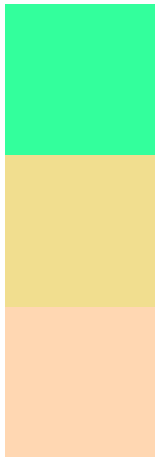


This preview shows how white text looks on a background with the Android color 4281597852.

# 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**  
4281597852

**Protanopia**  
4294041231

**Deuteranopia**  
4294956978



# Trichromacy



**Original Color**  
4281597852



**Protanomaly**  
4289522324



**Deuteranomaly**  
4290111146



**Tritanomaly**  
4285068763

# Monochromacy



**Original Color**  
4281597852



**Achromatopsia**  
4290230199



**Achromatomaly**  
4287091117

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281597852 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, 255, 156)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 156)  
}
```

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, 255, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 156) }
```

## Border

The CSS property to change the border of an element to Android 4281597852 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, 255, 156) }
```

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

```
.border{ border-color:rgb(51, 255, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 156);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
156) }
```

# Background

The CSS property to change the background color of an element to Android 4281597852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 156) }
```

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

```
.background{ background-color: rgb(51, 255,  
156) }
```

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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