

# Converting Colors

Android(4280680346)

Have a look what the booklet for  
Android(4280680346) contains.

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**Color**

**Android(4280680346)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25FF9A
RGB	37, 255, 154
RGB Percent	15%, 100%, 60%
CMY	0.8549, 0.0000, 0.3961
CMYK	0.85, 0.00, 0.40, 0.00
HSL	152°, 100%, 57%
HSV	152°, 85%, 100%
XYZ	42.3557, 74.2464, 42.6705
YIQ	178.3040, -97.5070, -77.6270

# Conversions

## Conversions Part 2

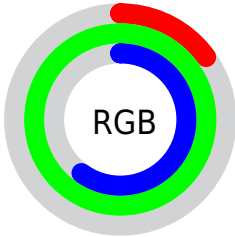
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 179, 255
Decimal	2490266
CIELab	89.04, -70.84, 34.74
CIELCh	89, 78.904, 153.876
Yxy	74.2464, 0.2659, 0.4662
Android (android.graphics.Color)	4280680346 (0xFF25FF9A)
YUV	178.3040, -11.9819, -123.9236
Hunter-Lab	86.1664, -63.0482, 30.9554

# Details

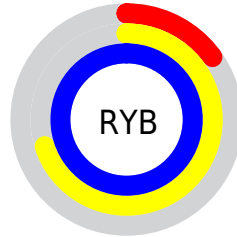
The Android color `4280680346` is a dark color, and the websafe version is hex `33FF99`. The color can be described as middle washed spring green. A complement of this color would be `4294911370`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4286382033`, and `4278240614` is the 20% darker color. If you saturate the color by 10%, you get `4279041934`, and if you desaturate by 10%, it is `4282384294`.

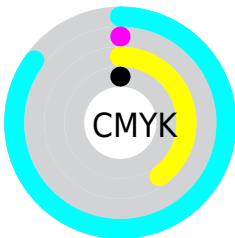
# Distribution



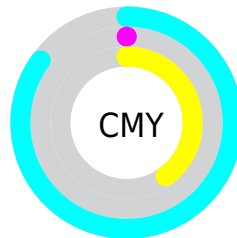
- Red (15%)
- Green (100%)
- Blue (60%)



- Red (15%)
- Yellow (70%)
- Blue (100%)



- Cyan (85%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (85%)
- Magenta (0%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280680346 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 4280680346 by changing the saturation by 10% instead.





4280680346



4280680346

4294967295



4278248063



4286382033



4278240614



4288610286



4278233165



4290707455



4278226228



4292804607



4278219292

4294901759



4278212353



4278206208



4278199552



4278190080

■ 4280680346

■ 4280680346

■ 4279041934

■ 4282384294

■ 4278255497

■ 4284022706

■ 4285726653

■ 4287365065

■ 4289069013

■ 4290707425

■ 4292411373

■ 4294049785

4294967295

# Harmonies

## Analogous

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



4289852249



4280680346



4278255591

# Triad

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



4280680346



4281787903



4294944400

# Complementary

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



4280680346



4294911370

# 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.



4294941145



4280680346



4293904639

# Square

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



4280680346



4278254079



4294945023



4294951765

# Rectangle

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



4280680346



4278255615



4294945023



4294942631

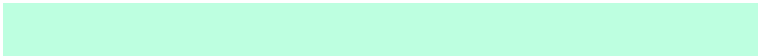


# Sweetspot

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



4280680346



4290641888



4287364901



4283990125



4278190080



4286611584



# Same Dimension

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



4280680346



4278255497



4280678655



4285759610



4278239079



4278206498



# Inverse Universe

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



4294911370



4294901878



4294913061



4286608249



4290707545

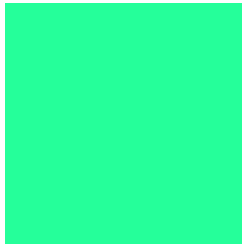


4282384414



# Previews

## White Background



This preview shows how the Android color 4280680346 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 4280680346 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 4280680346 Background



This preview shows how black text looks on a background with the Android color 4280680346.

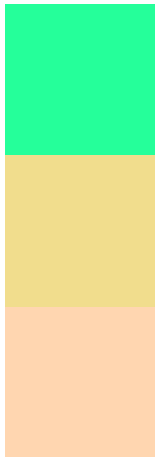


This preview shows how white text looks on a background with the Android color 4280680346.

# 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](#).

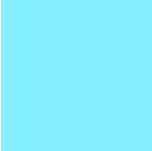
## Dichromacy



**Original Color**  
4280680346

**Protanopia**  
4294040973

**Deuteranopia**  
4294956720



**Tritanopia**  
4286902271

# Trichromacy



**Original Color**

4280680346



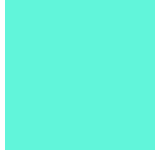
**Protanomaly**

4289194386



**Deuteranomaly**

4289783208



**Tritanomaly**

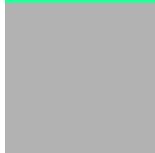
4284610010

# Monochromacy



**Original Color**

4280680346



**Achromatopsia**

4289901234



**Achromatomaly**

4286566057

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280680346 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(37, 255, 154)` looks like.

```
.text, #text, p{  
    color:rgb(37, 255, 154)  
}
```

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(37, 255, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 255, 154) }
```

## Border

The CSS property to change the border of an element to Android 4280680346 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(37, 255, 154) }
```

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

```
.border{ border-color:rgb(37, 255, 154) }
```

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

Here you see how a box with a 4 pixel rgb(37, 255, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 255, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 255, 154);  
box-shadow:4px 4px 4px 4px rgb(37, 255,  
154) }
```

# Background

The CSS property to change the background color of an element to Android 4280680346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 255, 154) }
```

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

```
.background{ background-color: rgb(37, 255,  
154) }
```

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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