

# Converting Colors

Android(4278255511)

Have a look what the booklet for  
Android(4278255511) contains.

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# **Color**

**Android(4278255511)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 00FF97                        |
| RGB         | 0, 255, 151                   |
| RGB Percent | 0%, 100%, 59%                 |
| CMY         | 1.0000, 0.0000, 0.4078        |
| CMYK        | 1.00, 0.00, 0.41, 0.00        |
| HSL         | 156°, 100%, 50%               |
| HSV         | 156°, 100%, 100%              |
| XYZ         | 41.3459, 73.7544, 41.3350     |
| YIQ         | 166.8990, -118.5960, -86.4040 |

# Conversions

## Conversions Part 2

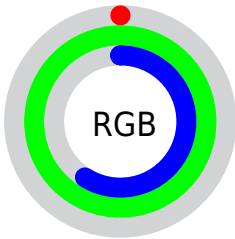
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 0, 160, 255                     |
| Decimal                             | 65431                           |
| CIELab                              | 88.81, -72.90, 35.88            |
| CIELCh                              | 89, 81.254, 153.792             |
| Yxy                                 | 73.7544, 0.2643,<br>0.4715      |
| Android<br>(android.graphics.Color) | 4278255511<br>(0xFF00FF97)      |
| YUV                                 | 166.8990, -7.8382,<br>-146.3704 |
| Hunter-Lab                          | 85.8804, -64.3543,<br>31.5794   |

# Details

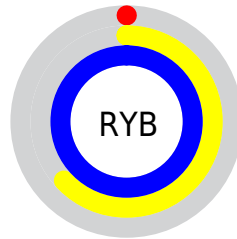
The Android color **4278255511** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **4294901864**, and the grayscale version is **4289177511**.

A 20% lighter version of the original color is **4285792206**, and **4278240611** is the 20% darker color. If you saturate the color by 10%, you get **4278255511**, and if you desaturate by 10%, it is **4279893921**.

# Distribution



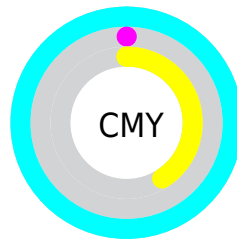
- Red (0%)
- Green (100%)
- Blue (59%)



- Red (0%)
- Yellow (63%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)

















- Cyan (100%)
- Magenta (0%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278255511 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 4278255511 by changing the saturation by 10% instead.



|  |  |
|--|--|
|  4278255511 |  4278255511   |
| 4294967295   |  4278248061   |
|  4285792206 |  4278240611   |
|  4288085995 |  4278233162   |
|  4290248703 |  4278226225   |
|  4292411391 |  4278219288   |
|  4294508543 |  4278212352   |
|  |  4278205952  |
|  |  4278199552 |
|  |  4278190080 |

 4278255511

 4279893921

 4281597868


 4283301814

 4284940225

 4286644171

 4288282581

 4289986528

 4291624938

 4293328885

# Harmonies

## Analogous

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



4289655635



4278255511



4278255591

# Triad

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



4278255511



4278838783



4294943629

# Complementary

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



4278255511



4294901864

# 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.



4294940120



4278255511



4293838591

# Square

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



4278255511



4278254079



4294944255



4294951247

# Rectangle

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



4278255511



4278255615



4294944255



4294941605

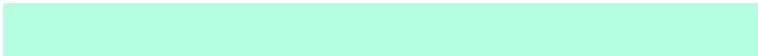


# Sweetspot

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



4278255511



4289986528



4285202176



4283596909



4278190080



4286611584



# Same Dimension

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



4278255511



4278250239



4285759610



4278239089



4278206502

# Inverse Universe

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



4294901864



4294907136



4286608248



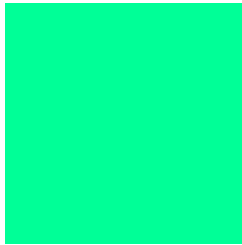
4290707534



4282384410

# Previews

## White Background



This preview shows how the Android color 4278255511 looks on a white background.

## Color Contrast Check

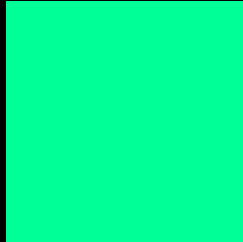
Large Text (above 18pt) WCAG AA × Fail

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 427825511 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 4278255511 Background



This preview shows how black text looks on a background with the Android color 4278255511.

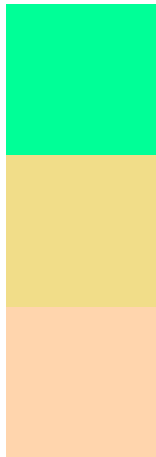


This preview shows how white text looks on a background with the Android color 4278255511.

# 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

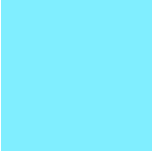


**Original Color**  
4278255511

**Protanopia**  
4294040969

**Deuteranopia**  
4294956461





**Tritanopia**  
4286639871

# Trichromacy



**Original Color**  
4278255511



**Protanomaly**  
4288276878



**Deuteranomaly**  
4288865445



**Tritanomaly**  
4283561177

# Monochromacy



**Original Color**  
4278255511



**Achromatopsia**  
4289177511



**Achromatomaly**  
4285188001

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278255511 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(0, 255, 151)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 151)  
}
```

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(0, 255, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 151) }
```

## Border

The CSS property to change the border of an element to Android 4278255511 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(0, 255, 151) }
```

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

```
.border{ border-color:rgb(0, 255, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 151);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
151) }
```

# Background

The CSS property to change the background color of an element to Android 4278255511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 151) }
```

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

```
.background{ background-color: rgb(0, 255,  
151) }
```

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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