

# Converting Colors

Android(4278255517)

Have a look what the booklet for  
Android(4278255517) contains.

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**Color**

**Android(4278255517)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FF9D
RGB	0, 255, 157
RGB Percent	0%, 100%, 62%
CMY	1.0000, 0.0000, 0.3843
CMYK	1.00, 0.00, 0.38, 0.00
HSL	157°, 100%, 50%
HSV	157°, 100%, 100%
XYZ	41.8458, 73.9543, 43.9674
YIQ	167.5830, -120.5220, -84.5380

# Conversions

## Conversions Part 2

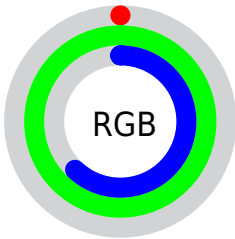
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 158, 255
Decimal	65437
CIELab	88.90, -71.79, 33.04
CIELCh	89, 79.025, 155.288
Yxy	73.9543, 0.2619, 0.4629
Android (android.graphics.Color)	4278255517 (0xFF00FF9D)
YUV	167.5830, -5.2174, -146.9703
Hunter-Lab	85.9967, -63.6365, 29.8846

# Details

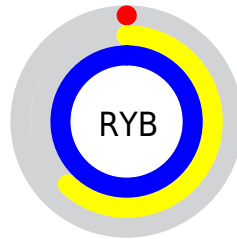
The Android color `4278255517` is a dark color, and the websafe version is hex `00FF99`. The color can be described as middle saturated spring green. A complement of this color would be `4294901858`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4285792212`, and `4278240617` is the 20% darker color. If you saturate the color by 10%, you get `4278255517`, and if you desaturate by 10%, it is `4279893927`.

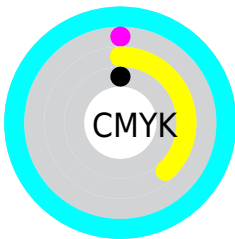
# Distribution



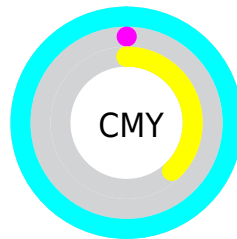
- Red (0%)
- Green (100%)
- Blue (62%)



- Red (0%)
- Yellow (62%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278255517 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 4278255517 by changing the saturation by 10% instead.





4278255517



4278255517

4294967295



4278248066



4285792212



4278240617



4288086001



4278233168



4290248703



4278226231



4292411391



4278219295



4294508543



4278212357



4278205952




4278199552



4278190080

 4278255517

 4279893927

 4281597873


 4283301818

 4284940228

 4286644174

 4288282584

 4289986530

 4291624939

 4293328885

# Harmonies

## Analogous

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



4289524827



4278255517



4278255595

# Triad

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



4278255517



4283032575



4294944652

# Complementary

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



4278255517



4294901858

# 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.



4294940885



4278255517



4294231807

# Square

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



4278255517



4278253823



4294944511



4294952018

# Rectangle

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



4278255517



4278255615



4294944511



4294942627

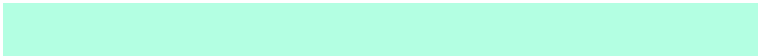


# Sweetspot

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



4278255517



4289986530



4284940032



4283596910



4278190080



4286611584



# Same Dimension

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



4278255517



4278248959



4285759611



4278239094



4278206503

# Inverse Universe

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



4294901858



4294908160



4286608248



4290707530



4282384409

# Previews

## White Background



This preview shows how the Android color 4278255517 looks on a white background.

## Color Contrast Check

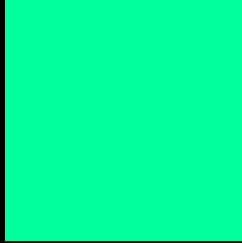
Large Text (above 18pt) WCAG AA × Fail

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 427825517 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 4278255517 Background



This preview shows how black text looks on a background with the Android color 4278255517.

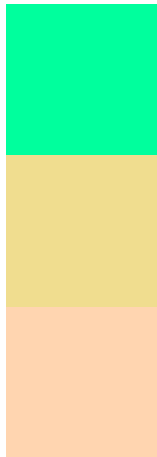


This preview shows how white text looks on a background with the Android color 4278255517.

# 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**  
4278255517

**Protanopia**  
4293975439

**Deuteranopia**  
4294956464



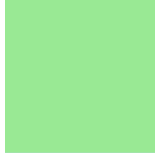


# Trichromacy



**Original Color**

4278255517



**Protanomaly**

4288276884



**Deuteranomaly**

4288865449



**Tritanomaly**

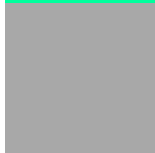
4283626971

# Monochromacy



**Original Color**

4278255517



**Achromatopsia**

4289243304



**Achromatomaly**

4285253796

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278255517 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 157) }
```

## Border

The CSS property to change the border of an element to Android 4278255517 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, 157) }
```

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

```
.border{ border-color:rgb(0, 255, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 157);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
157) }
```

# Background

The CSS property to change the background color of an element to Android 4278255517 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, 157) }
```

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

```
.background{ background-color: rgb(0, 255,  
157) }
```

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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