

# Converting Colors

Android(4278255274)

Have a look what the booklet for  
Android(4278255274) contains.

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# **Color**

**Android(4278255274)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FEAA
RGB	0, 254, 170
RGB Percent	0%, 100%, 67%
CMY	1.0000, 0.0039, 0.3333
CMYK	1.00, 0.00, 0.33, 0.00
HSL	160°, 100%, 50%
HSV	160°, 100%, 100%
XYZ	42.6975, 73.7859, 50.0219
YIQ	168.4780, -124.4200, -79.9720

# Conversions

## Conversions Part 2

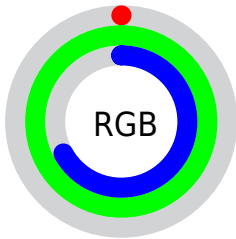
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 152, 254
Decimal	65194
CIELab	88.82, -68.88, 26.40
CIELCh	89, 73.768, 159.027
Yxy	73.7859, 0.2564, 0.4431
Android (android.graphics.Color)	4278255274 (0xFF00FEAA)
YUV	168.4780, 0.7503, -147.7552
Hunter-Lab	85.8987, -61.5961, 25.6024

# Details

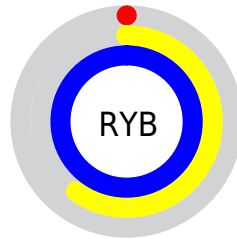
The Android color **4278255274** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **4294836308**, and the grayscale version is **4289309097**.

A 20% lighter version of the original color is **4285792226**, and **4278240373** is the 20% darker color. If you saturate the color by 10%, you get **4278255274**, and if you desaturate by 10%, it is **4279893682**.

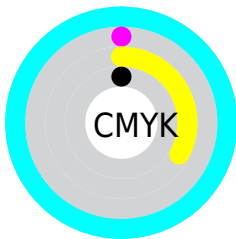
# Distribution



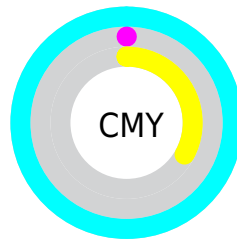
- Red (0%)
- Green (100%)
- Blue (67%)



- Red (0%)
- Yellow (60%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278255274 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 4278255274 by changing the saturation by 10% instead.





4278255274



4278255274

4294967295



4278247823



4285792226



4278240373



4288086014



4278233180



4290248703



4278225988



4292345855



4278219053



4294508543



4278212374



4278205952




4278199552



4278190080

 4278255274

 4279893682

 4281597627


 4283236035

 4284939980

 4286578388

 4288216796

 4289920741

 4291559149

 4293263094

# Harmonies

## Analogous

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



4289131627



4278255274



4278255603

# Triad

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



4278255274



4286570751



4294946442

# Complementary

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



4278255274



4294836308

# 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.



4294942668



4278255274



4294952191

# Square

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



4278255274



4278252799



4294945279



4294953304

# Rectangle

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



4278255274



4278255615



4294945279



4294944671

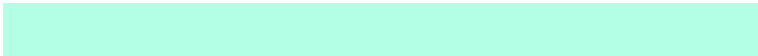


# Sweetspot

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



4278255274



4289986534



4283825664



4283596912



4278190080



4286611584



# Same Dimension

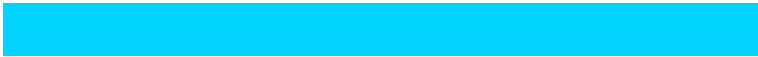
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4278255274



4278255531



4278244606



4285759611



4278239104



4278206507



# Inverse Universe

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



4294836308



4294901844



4294846976



4286608247



4290707519

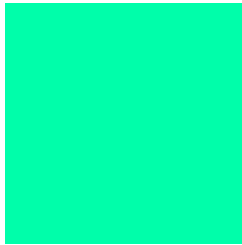


4282384405



# Previews

## White Background



This preview shows how the Android color 4278255274 looks on a white background.

## Color Contrast Check

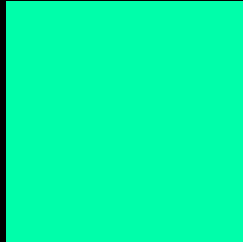
Large Text (above 18pt) WCAG AA × Fail

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 4278255274 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 4278255274 Background



This preview shows how black text looks on a background with the Android color 4278255274.



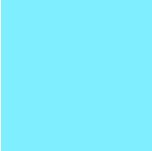
This preview shows how white text looks on a background with the Android color 4278255274.

# 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





**Tritanopia**  
4286574591

# Trichromacy



**Original Color**

4278255274



**Protanomaly**

4288145824



**Deuteranomaly**

4288865458



**Tritanomaly**

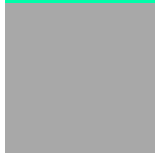
4283561184

# Monochromacy



**Original Color**

4278255274



**Achromatopsia**

4289243304



**Achromatomaly**

4285253545

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278255274 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, 254, 170)` looks like.

```
.text, #text, p{  
    color:rgb(0, 254, 170)  
}
```

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, 254, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 254, 170) }
```

## Border

The CSS property to change the border of an element to Android 4278255274 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, 254, 170) }
```

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

```
.border{ border-color:rgb(0, 254, 170) }
```

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

Here you see how a box with a 4 pixel rgb(0, 254, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 254, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 254, 170);  
box-shadow:4px 4px 4px 4px rgb(0, 254,  
170) }
```

# Background

The CSS property to change the background color of an element to Android 4278255274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 254, 170) }
```

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

```
.background{ background-color: rgb(0, 254,  
170) }
```

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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