

# Converting Colors

Android(4278254498)

Have a look what the booklet for  
Android(4278254498) contains.

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**Color**

**Android(4278254498)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FBA2
RGB	0, 251, 162
RGB Percent	0%, 98%, 64%
CMY	1.0000, 0.0157, 0.3647
CMYK	1.00, 0.00, 0.35, 0.02
HSL	159°, 100%, 49%
HSV	159°, 100%, 98%
XYZ	41.0188, 71.6030, 45.8413
YIQ	165.8050, -121.0270, -80.8910

# Conversions

## Conversions Part 2

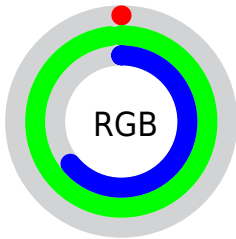
Format	Color
<a href="#">RYB</a>	<a href="#">0, 153, 251</a>
Decimal	<a href="#">64418</a>
CIELab	<a href="#">87.78, -69.47, 29.03</a>
CIELCh	<a href="#">88, 75.288, 157.321</a>
Yxy	<a href="#">71.6030, 0.2589, 0.4519</a>
Android (android.graphics.Color)	<a href="#">4278254498</a> ( <a href="#">0xFF00FBA2</a> )
YUV	<a href="#">165.8050, -1.8759, -145.4110</a>
Hunter-Lab	<a href="#">84.6186, -61.5548, 27.1132</a>

# Details

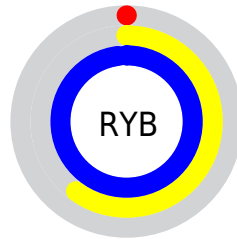
The Android color **4278254498** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **4294639705**, and the grayscale version is **4289111718**.

A 20% lighter version of the original color is **4285726681**, and **4278239598** is the 20% darker color. If you saturate the color by 10%, you get **4278254498**, and if you desaturate by 10%, it is **4279892907**.

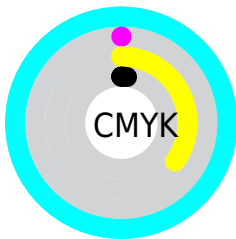
# Distribution



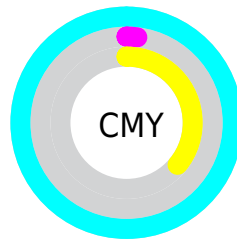
- Red (0%)
- Green (98%)
- Blue (64%)



- Red (0%)
- Yellow (60%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278254498 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 4278254498 by changing the saturation by 10% instead.





4278254498



4278254498

4294967295



4278247047



4285726681



4278239598



4288020470



4278232405



4290183167



4278225213



4292280319



4278218277



4294377471



4278211597



4278205440




4278198784



4278190080

 4278254498

 4279892907

 4281531316

 4283169725

 4284808134

 4286512078

 4288150487

 4289788896

 4291427305

 4293065714

# Harmonies

## Analogous

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



4289130595



4278254498



4278255596

# Triad

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



4278254498



4285193983



4294945161

# Complementary

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



4278254498



4294639705

# 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.



4294941389



4278254498



4294427391

# Square

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



4278254498



4278252287



4294944255



4294952020

# Rectangle

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



4278254498



4278255359



4294944255



4294943135

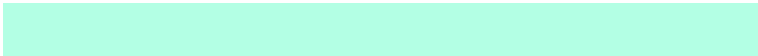


# Sweetspot

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



4278254498



4289986532



4284283648



4283596911



4278190080



4286611584



# Same Dimension

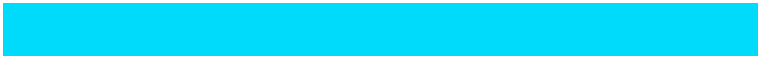
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4278254498



4278255525



4278246139



4285562233



4278238586



4278205735



# Inverse Universe

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



4294639705



4294901850



4294648064



4286410869



4290576451

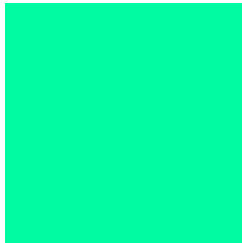


4282187798



# Previews

## White Background



This preview shows how the Android color 4278254498 looks on a white background.

## Color Contrast Check

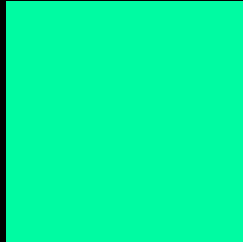
Large Text (above 18pt) WCAG AA × Fail

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 4278254498 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

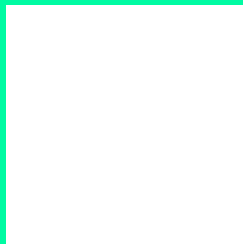
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278254498 Background



This preview shows how black text looks on a background with the Android color 4278254498.



This preview shows how white text looks on a background with the Android color 4278254498.

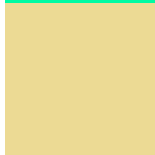
# Color Blindness Simulation

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](#).

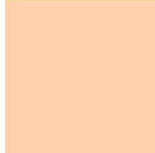
## Dichromacy



**Original Color**  
4278254498



**Protanopia**  
4293712532



**Deuteranopia**  
4294955436



# Trichromacy



**Original Color**

4278254498



**Protanomaly**

4288079513



**Deuteranomaly**

4288864424



**Tritanomaly**

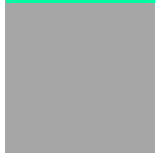
4282839773

# Monochromacy



**Original Color**

4278254498



**Achromatopsia**

4289111718



**Achromatomaly**

4285187493

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278254498 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, 251, 162)` looks like.

```
.text, #text, p{  
    color:rgb(0, 251, 162)  
}
```

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, 251, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 251, 162) }
```

## Border

The CSS property to change the border of an element to Android 4278254498 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, 251, 162) }
```

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

```
.border{ border-color:rgb(0, 251, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 251, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 251, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 251, 162);  
box-shadow:4px 4px 4px 4px rgb(0, 251,  
162) }
```

# Background

The CSS property to change the background color of an element to Android 4278254498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 251, 162) }
```

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

```
.background{ background-color: rgb(0, 251,  
162) }
```

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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