

Converting Colors

Android(4278254215)

Have a look what the booklet for
Android(4278254215) contains.

Android(4278254215)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278254215)

Conversions

Conversions Part 1

Format	Color
Hex	00FA87
RGB	0, 250, 135
RGB Percent	0%, 98%, 53%
CMY	1.0000, 0.0196, 0.4706
CMYK	1.00, 0.00, 0.46, 0.02
HSL	152°, 100%, 49%
HSV	152°, 100%, 98%
XYZ	38.5588, 70.1205, 34.4240
YIQ	162.1400, -112.0850, -88.7650

Conversions

Conversions Part 2

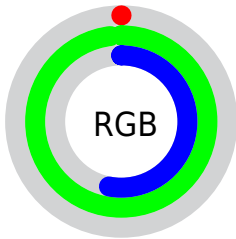
Format	Color
RYB	0, 162, 250
Decimal	64135
CIELab	87.06, -74.07, 41.43
CIELCh	87, 84.869, 150.777
Yxy	70.1205, 0.2694, 0.4900
Android (android.graphics.Color)	4278254215 (0xFF00FA87)
YUV	162.1400, -13.3800, -142.1968
Hunter-Lab	83.7380, -64.3477, 34.2429

Details

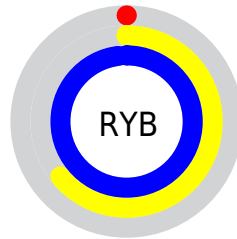
The Android color **4278254215** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **4294574195**, and the grayscale version is **4288848546**.

A 20% lighter version of the original color is **4285726654**, and **4278239315** is the 20% darker color. If you saturate the color by 10%, you get **4278254215**, and if you desaturate by 10%, it is **4279892627**.

Distribution



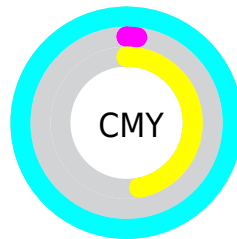
- Red (0%)
- Green (98%)
- Blue (53%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278254215 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 4278254215 by changing the saturation by 10% instead.



4278254215



4278254215

4294967295



4278246765



4285726654



4278239315



4288020442



4278232122



4290183159



4278224928



4292280319



4278217984



4294377471



4278211328



4278205184




4278198272



4278190080

 4278254215

 4279892627

 4281531038

 4283169450

 4284807861

 4286446273

 4288084684

 4289723096

 4291361507

 4292999918

Harmonies

Analogous

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



4289719615



4278254215



4278255578

Triad

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



4278254215



4278248447



4294940556

Complementary

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



4278254215



4294574195

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.



4294937307



4278254215



4292592895

Square

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



4278254215



4278253311



4294942975



4294948936

Rectangle

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



4278254215



4278255615



4294942975



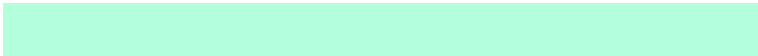
4294938534

Sweetspot

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



4278254215



4289986524



4285921792



4283596906



4278190080



4286611584

Same Dimension

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



4278254215



4278255498



4278252282



4285562231



4278238566



4278205729

Inverse Universe

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



4294574195



4294901877



4294576128



4286410870



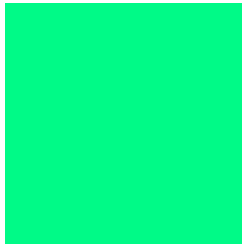
4290576471



4282187804

Previews

White Background



This preview shows how the Android color 4278254215 looks on a white background.

Color Contrast Check

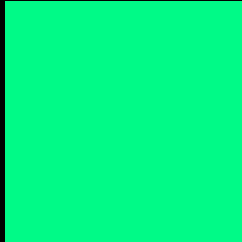
Large Text (above 18pt) WCAG AA × Fail

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 4278254215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

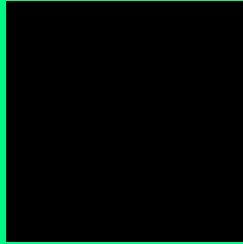
Any Text WCAG AA ✓ Pass

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 4278254215 Background



This preview shows how black text looks on a background with the Android color 4278254215.

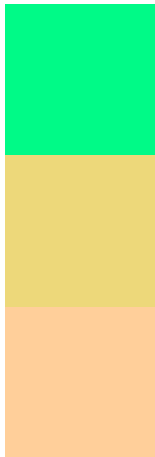


This preview shows how white text looks on a background with the Android color 4278254215.

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
4278254215

Protanopia
4293777530

Deuteranopia
4294954906



Tritanopia
4284607743

Trichromacy



Original Color
4278254215



Protanomaly
4288144511



Deuteranomaly
4288864147



Tritanomaly
4282315219

Monochromacy



Original Color
4278254215



Achromatopsia
4288848546



Achromatomaly
4284990104

CSS Examples

Text

The CSS property to change the color of the text to Android 4278254215 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, 250, 135)` looks like.

```
.text, #text, p{  
    color:rgb(0, 250, 135)  
}
```

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, 250, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 250, 135) }
```

Border

The CSS property to change the border of an element to Android 4278254215 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, 250, 135) }
```

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

```
.border{ border-color:rgb(0, 250, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 250, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 250, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 250, 135);  
box-shadow:4px 4px 4px 4px rgb(0, 250,  
135) }
```

Background

The CSS property to change the background color of an element to Android 4278254215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 250, 135) }
```

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

```
.background{ background-color: rgb(0, 250,  
135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor