

Converting Colors

Android(4278255495)

Have a look what the booklet for
Android(4278255495) contains.

Android(4278255495)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Android(4278255495)

Conversions

Conversions Part 1

Format	Color
Hex	00FF87
RGB	0, 255, 135
RGB Percent	0%, 100%, 53%
CMY	1.0000, 0.0000, 0.4706
CMYK	1.00, 0.00, 0.47, 0.00
HSL	152°, 100%, 50%
HSV	152°, 100%, 100%
XYZ	40.1332, 73.2693, 34.9488
YIQ	165.0750, -113.4600, -91.3800

Conversions

Conversions Part 2

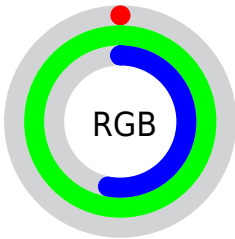
Format	Color
RYB	0, 167, 255
Decimal	65415
CIELab	88.58, -75.65, 43.37
CIELCh	89, 87.197, 150.176
Yxy	73.2693, 0.2705, 0.4939
Android (android.graphics.Color)	4278255495 (0xFF00FF87)
YUV	165.0750, -14.8270, -144.7708
Hunter-Lab	85.5975, -66.1042, 35.7106

Details

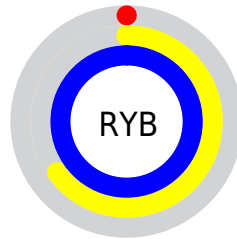
The Android color `4278255495` is a dark color, and the websafe version is hex `00FF99`. The color can be described as dark saturated spring green. A complement of this color would be `4294901880`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4285857726`, and `4278240595` is the 20% darker color. If you saturate the color by 10%, you get `4278255495`, and if you desaturate by 10%, it is `4279893907`.

Distribution



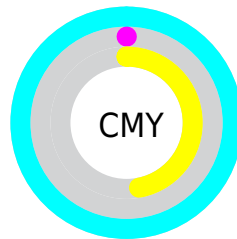
- Red (0%)
- Green (100%)
- Blue (53%)



- Red (0%)
- Yellow (65%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278255495 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 4278255495 by changing the saturation by 10% instead.



4278255495



4278255495

4294967295



4278247789



4285857726



4278240595



4288085978



4278233145



4290248695



4278225951



4292411391



4278219008



4294508543



4278212352



4278205952



4278199296



4278190080

 4278255495

 4279893907

 4281597855


 4283301803

 4284940215

 4286644163

 4288282575

 4289986523

 4291624935

 4293328883

Harmonies

Analogous

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



4290048572



4278255495



4278255580

Triad

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



4278255495



4278249727



4294940816

Complementary

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



4278255495



4294901880

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.



4294937825



4278255495



4292724991

Square

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



4278255495



4278254847



4294943487



4294949449

Rectangle

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



4278255495



4278255615



4294943487



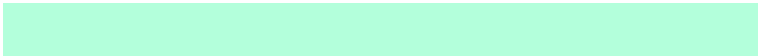
4294938794

Sweetspot

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



4278255495



4289986523



4286316288



4283596906



4278190080



4286611584

Same Dimension

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



4278255495



4278254591



4285759610



4278239077



4278206498

Inverse Universe

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



4294901880



4294902784



4286608249



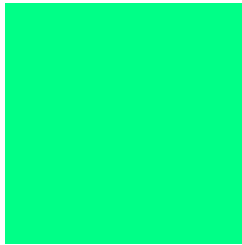
4290707546



4282384414

Previews

White Background



This preview shows how the Android color 4278255495 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 4278255495 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 4278255495 Background



This preview shows how black text looks on a background with the Android color 4278255495.

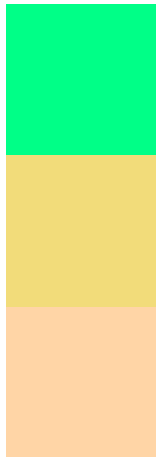


This preview shows how white text looks on a background with the Android color 4278255495.

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](#).

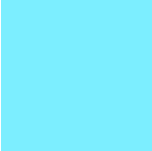
Dichromacy



Original Color
4278255495

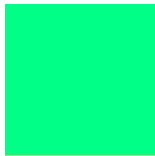
Protanopia
4294106234

Deuteranopia
4294956454



Tritanopia
4286377727

Trichromacy



Original Color

4278255495



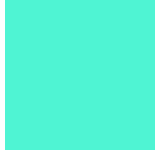
Protanomaly

4288342399



Deuteranomaly

4288865435



Tritanomaly

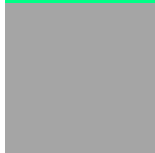
4283430099

Monochromacy



Original Color

4278255495



Achromatopsia

4289045925



Achromatomaly

4285122202

CSS Examples

Text

The CSS property to change the color of the text to Android 4278255495 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 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, 255, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 135) }
```

Border

The CSS property to change the border of an element to Android 4278255495 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, 135) }
```

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

```
.border{ border-color:rgb(0, 255, 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, 255, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 135);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
135) }
```

Background

The CSS property to change the background color of an element to Android 4278255495 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, 135) }
```

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

```
.background{ background-color: rgb(0, 255,  
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](#).

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