Converting Colors

Android(4278255532)

Have a look what the booklet for Android(4278255532) contains.

Color

Android(4278255532)

Conversions

Conversions Part 1

Format	Color
Hex	00FFAC
RGB	0, 255, 172
RGB Percent	0%, 100%, 67%
CMY	1.0000, 0.0000, 0.3255
CMYK	1.00, 0.00, 0.33, 0.00
HSL	160°, 100%, 50%
HSV	160°, 100%, 100%
XYZ	43.2064, 74.4986, 51.1322
YIQ	169.2930, -125.3370, -79.8730

Conversions

Conversions Part 2

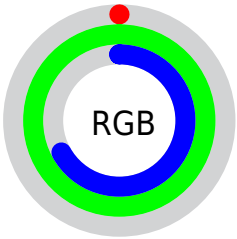
Format	Color
RYB	0, 152, 255
Decimal	65452
CIELab	89.16, -68.82, 25.85
CIELCh	89, 73.510, 159.412
Yxy	74.4986, 0.2559, 0.4412
Android (android.graphics.Color)	4278255532 (0xFF00FFAC)
YUV	169.2930, 1.3346, -148.4700
Hunter-Lab	86.3125, -61.6933, 25.2950

Details

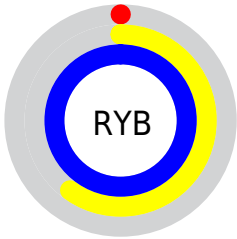
The Android color 4278255532 is a dark color, and the websafe version is hex 33FF99. The color can be described as middle saturated spring green. A complement of this color would be 4294901843, and the grayscale version is 4289309097.

A 20% lighter version of the original color is 4285857764, and 4278240631 is the 20% darker color. If you saturate the color by 10%, you get 4278255532, and if you desaturate by 10%, it is 4279893940.

Distribution

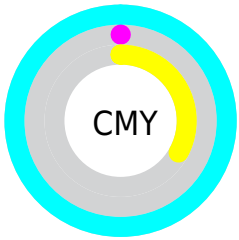


- Red (0%)
- Green (100%)
- Blue (67%)



- 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 4278255532 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 4278255532 by changing the saturation by 10% instead.

4278255532

4294967295

4285857764

4288086015

4290248703

4292411391

4294508543

4278255532

4278248081

4278240631

4278233182

4278226246

4278219311

4278212632

4278206208

4278199808

4278190080

4278255532

4279893940

4281597885

4283301829

4284940237

4286644182

4288282590

4289986534

4291624942

4293328887

Harmonies

Analogous

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

4289131885

4278255532

4278255605

Triad

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

4278255532

4286832895

4294946954

Complementary

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

4278255532

4294901843

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.

4294943181

4278255532

4294952191

Square

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

4278255532

4278253055

4294945279

4294953817

Rectangle

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

4278255532

4278255615

4294945279

4294945183

Sweetspot

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

4278255532

4289986534

4283825920

4283596913

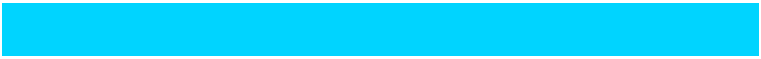
4278190080

4286611584

Same Dimension

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

4278255532



4278244607

4285759611

4278239105

4278206507

Inverse Universe

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

4294901843

4294912512

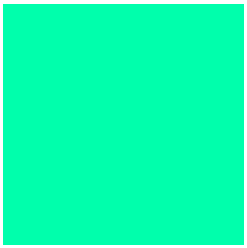
4286608247

4290707518

4282384405

Previews

White Background

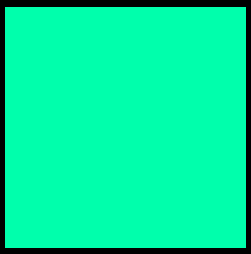


This preview shows how the Android color 4278255532 looks on a white background.

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 4278255532 looks on a black background.

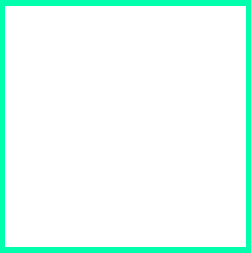
Color Contrast Check

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 4278255532 Background

This preview shows how black text looks on a background with the Android color 4278255532.



This preview shows how white text looks on a background with the Android color 4278255532.

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

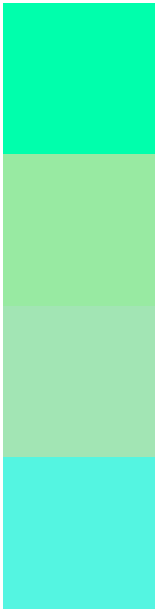
Original Color
4278255532

Protanopia
4293910173

Deuteranopia
4294956729

Tritanopia
4286902271

Trichromacy



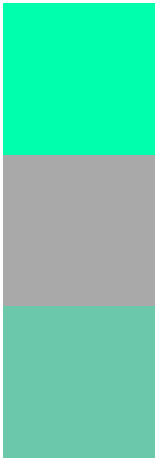
Original Color
4278255532

Protanomaly
4288211618

Deuteranomaly
4288865716

Tritanomaly
4283758049

Monochromacy



Original Color
4278255532

Achromatopsia
4289309097

Achromatomaly
4285319338

CSS Examples

Text

The CSS property to change the color of the text to Android 4278255532 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, 172) looks like.

```
.text, #text, p{
    color:rgb(0, 255, 172)
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 172) }
```

Border

The CSS property to change the border of an element to Android 4278255532 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, 172) }
```

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

```
.border{ border-color:rgb(0, 255, 172) }
```

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, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 255, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 255, 172); box-shadow:4px 4px 4px 4px rgb(0, 255, 172) }
```

Background

The CSS property to change the background color of an element to Android 4278255532 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, 172) }
```

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

```
.background{ background-color:rgb(0, 255,
172) }
```

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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