

Converting Colors

Android(4278255615)

Have a look what the booklet for
Android(4278255615) contains.

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Color

Android(4278255615)

Conversions

| Conversions Part 1 | |
|--------------------|-------------------------------|
| Format | Color |
| Hex | 00FFFF |
| RGB | 0, 255, 255 |
| RGB Percent | 0%, 100%, 100% |
| CMY | 1.0000, 0.0000, 0.0000 |
| CMYK | 1.00, 0.00, 0.00, 0.00 |
| HSL | 180°, 100%, 50% |
| HSV | 180°, 100%, 100% |
| XYZ | 53.8100, 78.7400, 106.9700 |
| YIQ | 178.7550, -151.9800, -54.0600 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--|
| RYB | 0, 128, 255 |
| Decimal | 65535 |
| CIELab | 91.12, -48.08, -14.14 |
| CIELCh | 91, 50.115, 196.386 |
| Yxy | 78.7400, 0.2247, 0.3287 |
| Android (android.graphics.Color) | 4278255615 (0xFF00FFFF) |
| YUV | 178.7550, 37.5888, -156.7681 |
| Hunter-Lab | 88.7356, -47.0433, -9.3587 |

Details

The Android color **4278255615** is a light color, and the websafe version is hex **00FFFF**, and the color name is **aqua**. The color can be described as light saturated cyan. A complement of this color would be **4294901760**, and the grayscale version is **4289967027**.

A 20% lighter version of the original color is **4286185471**, and **4278240710** is the 20% darker color. If you saturate the color by 10%, you get **4278255615**, and if you desaturate by 10%, it is **4279894015**.
















Distribution



Brightness & Saturation Gradients


These gradients show how the Android color 4278255615 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 4278255615 by changing the saturation by 10% instead.

| | | | |
|---|------------|---|------------|
|  | 4278255615 |  | 4278255615 |
| | 4294967295 |  | 4278248162 |
|  | 4286185471 |  | 4278240710 |
|  | 4288544767 |  | 4278233771 |
|  | 4290772991 |  | 4278226577 |
|  | 4292935679 |  | 4278219895 |
| | |  | 4278213214 |
| | |  | 4278207047 |
| | |  | 4278201392 |
| | |  | 4278192412 |

 4278255615

 4279894015

 4281597951

 4283301887

 4284940287

 4286644223

 4288282623

 4289986559

 4291624959

 4293328895

Harmonies

Analogous

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



4285857485



4278255615



4278254591

Triad

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



4278255615



4294955007



4294957960

Complementary

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



4278255615



4294901760

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.



4294953890



4278255615



4294951678

Square

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



4278255615



4291486207



4294951117



4293585799

Rectangle

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



4278255615



4283495935



4294951117



4294956430

Sweetspot

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



4278255615



4289986559



4278255360



4283596928



4278190080



4286611584

Same Dimension

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



4278255615



4278223103



4285759616



4278239167



4278206528

Inverse Universe

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



4294902015



4294934528



4286608256



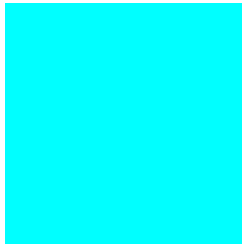
4290707647



4282384448

Previews

White Background



This preview shows how the Android color 4278255615 looks on a white background.

Color Contrast Check

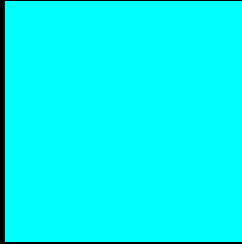
Large Text (above 18pt) WCAG AA × Fail

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 4278255615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

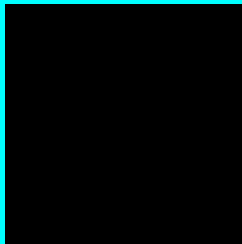
Any Text WCAG AA ✓ Pass

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 4278255615 Background



This preview shows how black text looks on a background with the Android color 4278255615.



This preview shows how white text looks on a background with the Android color 4278255615.

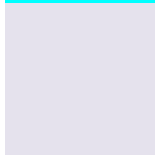
Color Blindness Simulation

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
4278255615



Protanopia
4293255917



Deuteranopia
4293451775

Trichromacy

| | |
|---|-------------------------------------|
|  | Original Color 4278255615 |
|  | Protanomaly 4287819252 |
|  | Deuteranomaly 4287949823 |
|  | Tritanomaly 4284741631 |

Monochromacy

| | |
|---|-------------------------------------|
|  | Original Color 4278255615 |
|  | Achromatopsia 4289967027 |
|  | Achromatomaly 4285714383 |

CSS Examples

Text

The CSS property to change the color of the text to Android 4278255615 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, 255)` looks like.

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

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, 255) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Android 4278255615 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, 255) }
```

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

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

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, 255) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to Android 4278255615 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, 255) }
```

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

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

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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