

Converting Colors

Android(4278255072)

Have a look what the booklet for
Android(4278255072) contains.

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Color

Android(4278255072)

Conversions

Conversions Part 1

Format	Color
Hex	00FDE0
RGB	0, 253, 224
RGB Percent	0%, 99%, 88%
CMY	1.0000, 0.0078, 0.1216
CMYK	1.00, 0.00, 0.11, 0.01
HSL	173°, 100%, 50%
HSV	173°, 100%, 99%
XYZ	48.5798, 75.6324, 82.5591
YIQ	174.0470, -141.4790, -62.6550

Conversions

Conversions Part 2

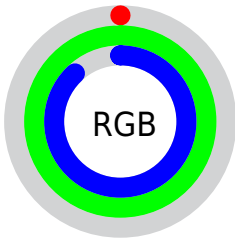
Format	Color
RYB	0, 134, 253
Decimal	64992
CIELab	89.69, -55.78, -0.15
CIELCh	90, 55.785, 180.158
Yxy	75.6324, 0.2349, 0.3658
Android (android.graphics.Color)	4278255072 (0xFF00FDE0)
YUV	174.0470, 24.6268, -152.6392
Hunter-Lab	86.9669, -52.4817, 4.5918

Details

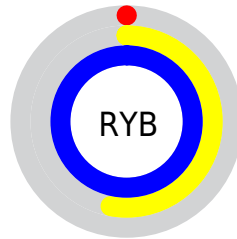
The Android color **4278255072** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **4294770717**, and the grayscale version is **4289638062**.

A 20% lighter version of the original color is **4285988863**, and **4278240169** is the 20% darker color. If you saturate the color by 10%, you get **4278255072**, and if you desaturate by 10%, it is **4279893475**.

Distribution



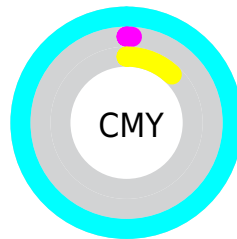
- Red (0%)
- Green (99%)
- Blue (88%)



- Red (0%)
- Yellow (53%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278255072 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 4278255072 by changing the saturation by 10% instead.



4278255072



4278255072

4294967295



4278247620



4285988863



4278240169



4288282623



4278232974



4290445311



4278226037



4292607999



4278219100



4294705151



4278212677



4278206255



4278200346



4278190080

 4278255072

 4279893475

 4281597414


 4283235817

 4284874220

 4286578159

 4288216561

 4289854964

 4291493367

 4293197306

Harmonies

Analogous

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



4287232170



4278255072



4278254847

Triad

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



4278255072



4293317631



4294953862

Complementary

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



4278255072



4294770717

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.



4294949807



4278255072



4294951167

Square

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



4278255072



4287293439



4294948579



4294958965

Rectangle

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



4278255072



4278253823



4294948579



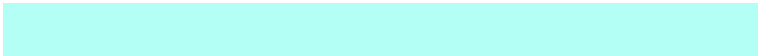
4294952338

Sweetspot

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



4278255072



4289986550



4280220928



4283596922



4278190080



4286611584

Same Dimension

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



4278255072



4278255586



4278230269



4285759614



4278239145



4278206520

Inverse Universe

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



4294770717



4294901789



4294795520



4286608244



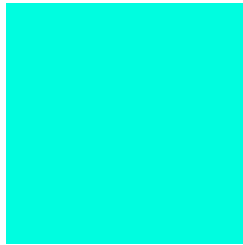
4290707478



4282384391

Previews

White Background



This preview shows how the Android color 4278255072 looks on a white background.

Color Contrast Check

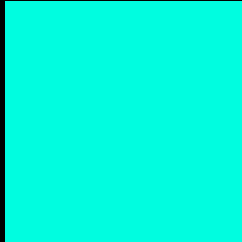
Large Text (above 18pt) WCAG AA × Fail

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 4278255072 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 4278255072 Background



This preview shows how black text looks on a background with the Android color 4278255072.

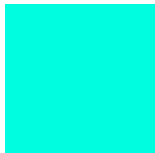


This preview shows how white text looks on a background with the Android color 4278255072.

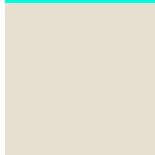
Color Blindness Simulation

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](#).

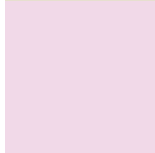
Dichromacy




Original Color
4278255072



Protanopia
4293386191



Deuteranopia
4294040040



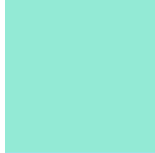
Tritanopia
4287295743

Trichromacy



Original Color

4278255072



Protanomaly

4287883989



Deuteranomaly

4288276197



Tritanomaly

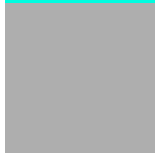
4284020212

Monochromacy



Original Color

4278255072



Achromatopsia

4289638062



Achromatomaly

4285516736

CSS Examples

Text

The CSS property to change the color of the text to Android 4278255072 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, 253, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 253, 224)  
}
```

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, 253, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 253, 224) }
```

Border

The CSS property to change the border of an element to Android 4278255072 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, 253, 224) }
```

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

```
.border{ border-color:rgb(0, 253, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 253, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 253, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 253, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 253,  
224) }
```

Background

The CSS property to change the background color of an element to Android 4278255072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 253, 224) }
```

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

```
.background{ background-color: rgb(0, 253,  
224) }
```

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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