

Converting Colors

Android(4278243323)

Have a look what the booklet for
Android(4278243323) contains.

Android(4278243323)	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(4278243323)

Conversions

Conversions Part 1

Format	Color
Hex	00CFFB
RGB	0, 207, 251
RGB Percent	0%, 81%, 98%
CMY	1.0000, 0.1882, 0.0157
CMYK	1.00, 0.18, 0.00, 0.02
HSL	191°, 100%, 49%
HSV	191°, 100%, 98%
XYZ	39.7254, 51.5907, 99.1310
YIQ	150.1230, -137.4960, -30.2000

Conversions

Conversions Part 2

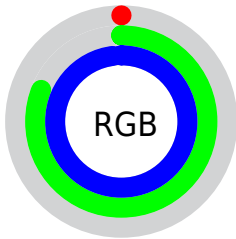
Format	Color
RYB	0, 113, 251
Decimal	53243
CIELab	77.04, -27.18, -33.44
CIELCh	77, 43.089, 230.892
Yxy	51.5907, 0.2086, 0.2709
Android (android.graphics.Color)	4278243323 (0xFF00CFFB)
YUV	150.1230, 49.7324, -131.6579
Hunter-Lab	71.8267, -26.9730, -31.5500

Details

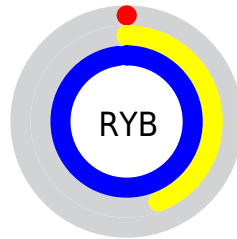
The Android color **4278243323** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **4294650880**, and the grayscale version is **4288059030**.

A 20% lighter version of the original color is **4285726719**, and **4278229186** is the 20% darker color. If you saturate the color by 10%, you get **4278243323**, and if you desaturate by 10%, it is **4279882747**.

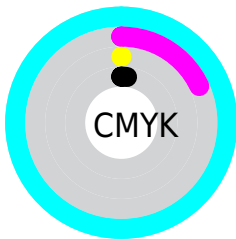
Distribution



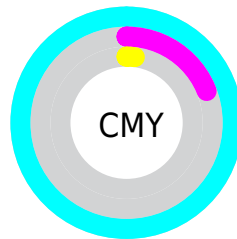
- Red (0%)
- Green (81%)
- Blue (98%)



- Red (0%)
- Yellow (44%)
- Blue (98%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (19%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278243323 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 4278243323 by changing the saturation by 10% instead.

 4278243323

 4278243323

4294967295

 4278236126

 4285726719

 4278229186

 4288020479

 4278222503

 4290183167

 4278216076

 4292280319

 4278209907

 4294377471

 4278203738


 4278198850

 4278190892

 4278190358

 4278243323

 4279882747

 4281522427

 4283161851

 4284801531

 4286506491

 4288145915

 4289785595

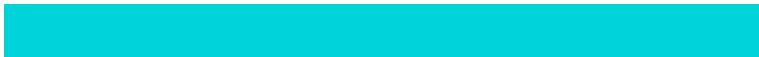
 4291425019

 4293064699

Harmonies

Analogous

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



4278244313



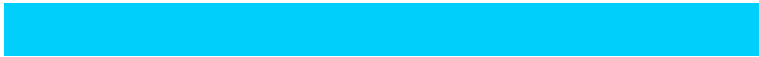
4278243323



4285318911

Triad

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



4278243323



4294942924



4290561138

Complementary

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



4278243323



4294650880

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.



4293113967



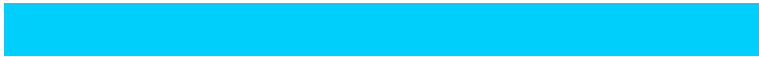
4278243323



4294942884

Square

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



4278243323



4293176049



4294945410



4287549066

Rectangle

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



4278243323



4288396799



4294945410



4291477870

Sweetspot

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



4278243323



4289983231



4278254378



4283594624



4278190080



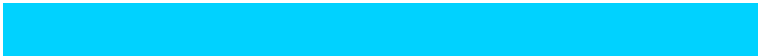
4286611584

Same Dimension

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



4278243323



4278244095



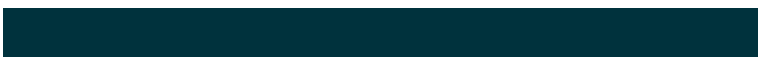
4278211835



4285561725



4278230205



4278202941

Inverse Universe

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



4294639823



4294901970



4294682368



4286410875



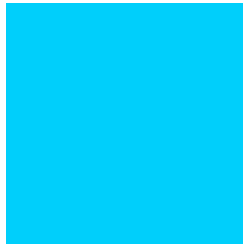
4290576540



4282187826

Previews

White Background



This preview shows how the Android color 4278243323 looks on a white background.

Color Contrast Check

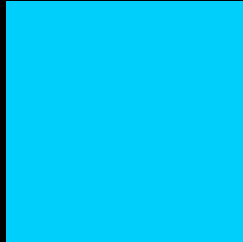
Large Text (above 18pt) WCAG AA × Fail

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 4278243323 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 4278243323 Background



This preview shows how black text looks on a background with the Android color 4278243323.

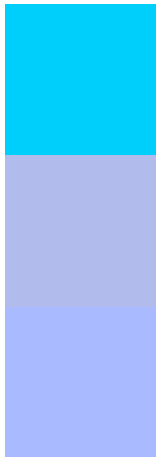


This preview shows how white text looks on a background with the Android color 4278243323.

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](#).

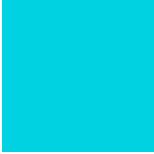
Dichromacy



Original Color
4278243323

Protanopia
4289838060

Deuteranopia
4289379071



Tritanopia
4278244066

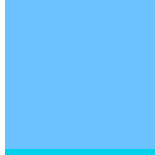
Trichromacy



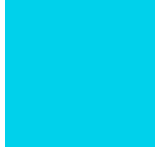
Original Color
4278243323



Protanomaly
4285645553



Deuteranomaly
4285317886



Tritanomaly
4278243819

Monochromacy



Original Color
4278243323



Achromatopsia
4288059030



Achromatomaly
4284459963

CSS Examples

Text

The CSS property to change the color of the text to Android 4278243323 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, 207, 251)` looks like.

```
.text, #text, p{  
    color:rgb(0, 207, 251)  
}
```

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, 207, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 207, 251) }
```

Border

The CSS property to change the border of an element to Android 4278243323 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, 207, 251) }
```

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

```
.border{ border-color:rgb(0, 207, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 207, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 207, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 207, 251);  
box-shadow:4px 4px 4px 4px rgb(0, 207,  
251) }
```

Background

The CSS property to change the background color of an element to Android 4278243323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 207, 251) }
```

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

```
.background{ background-color: rgb(0, 207,  
251) }
```

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