

Converting Colors

Android(4278239983)

Have a look what the booklet for
Android(4278239983) contains.

Android(4278239983)	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(4278239983)

Conversions

Conversions Part 1

Format	Color
Hex	00C2EF
RGB	0, 194, 239
RGB Percent	0%, 76%, 94%
CMY	1.0000, 0.2392, 0.0627
CMYK	1.00, 0.19, 0.00, 0.06
HSL	191°, 100%, 47%
HSV	191°, 100%, 94%
XYZ	34.8718, 44.8156, 88.4737
YIQ	141.1240, -130.0690, -27.1330

Conversions

Conversions Part 2

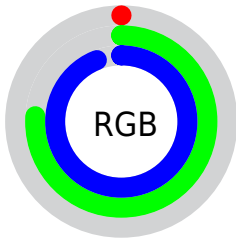
Format	Color
RYB	0, 107, 239
Decimal	49903
CIELab	72.77, -24.69, -33.58
CIElCh	73, 41.676, 233.677
Yxy	44.8156, 0.2074, 0.2665
Android (android.graphics.Color)	4278239983 (0xFF00C2EF)
YUV	141.1240, 48.2529, -123.7657
Hunter-Lab	66.9444, -24.1710, -31.4965

Details

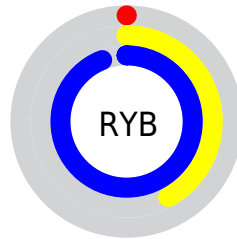
The Android color **4278239983** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **4293864704**, and the grayscale version is **4287466893**.

A 20% lighter version of the original color is **4285529087**, and **4278226103** is the 20% darker color. If you saturate the color by 10%, you get **4278239983**, and if you desaturate by 10%, it is **4279814127**.

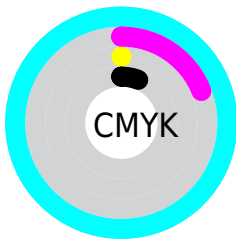
Distribution



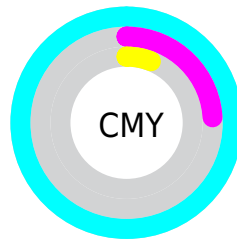
- Red (0%)
- Green (76%)
- Blue (94%)



- Red (0%)
- Yellow (42%)
- Blue (94%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (24%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278239983 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 4278239983 by changing the saturation by 10% instead.

 4278239983

 4278239983

4294967295

 4278233043

 4285529087


 4278226103

 4287758335

 4278219420

 4289855487

 4278213250

 4291952639

 4278207080

 4294049791

 4278201424

 4278195513

 4278190627

 4278190089

 4278239983

 4279814127

 4281388015

 4282962159

 4284536047

 4286044655

 4287618543

 4289192687

 4290766575

 4292340719

Harmonies

Analogous

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



4278240976



4278239983



4285184510

Triad

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



4278239983



4294350268



4289575531

Complementary

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



4278239983



4293864704

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.



4291997286



4278239983



4294743702

Square

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



4278239983



4292583136



4293894262



4286628484

Rectangle

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



4278239983



4288131324



4293894262



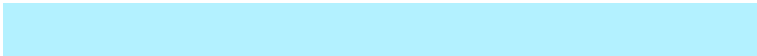
4290426471

Sweetspot

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



4278239983



4289982975



4278251308



4283594624



4278190080



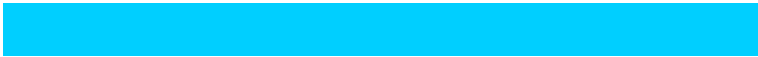
4286611584

Same Dimension

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



4278239983



4278243327



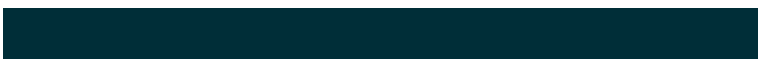
4278209775



4285298296



4278228408



4278201912

Inverse Universe

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



4293853378



4294901967



4293894912



4286082166



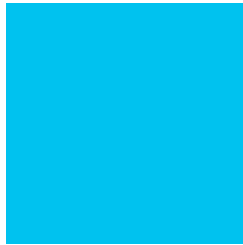
4290248853



4281860142

Previews

White Background



This preview shows how the Android color 4278239983 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 4278239983 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 4278239983 Background



This preview shows how black text looks on a background with the Android color 4278239983.



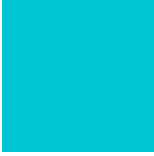
This preview shows how white text looks on a background with the Android color 4278239983.

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





Tritanopia
4278240725

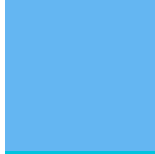
Trichromacy



Original Color
4278239983



Protanomaly
4285118182



Deuteranomaly
4284790514



Tritanomaly
4278240478

Monochromacy



Original Color
4278239983



Achromatopsia
4287466893



Achromatomaly
4284129457

CSS Examples

Text

The CSS property to change the color of the text to Android 4278239983 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, 194, 239)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 239)  
}
```

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, 194, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 239) }
```

Border

The CSS property to change the border of an element to Android 4278239983 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, 194, 239) }
```

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

```
.border{ border-color:rgb(0, 194, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 194, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 239);  
box-shadow:4px 4px 4px 4px rgb(0, 194,  
239) }
```

Background

The CSS property to change the background color of an element to Android 4278239983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 239) }
```

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

```
.background{ background-color: rgb(0, 194,  
239) }
```

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