

Converting Colors

Android(4278239194)

Have a look what the booklet for
Android(4278239194) contains.

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Color

Android(4278239194)

Conversions

Conversions Part 1

Format	Color
Hex	00BFDA
RGB	0, 191, 218
RGB Percent	0%, 75%, 85%
CMY	1.0000, 0.2510, 0.1451
CMYK	1.00, 0.12, 0.00, 0.15
HSL	187°, 100%, 43%
HSV	187°, 100%, 85%
XYZ	31.2857, 42.3236, 72.8500
YIQ	136.9690, -122.5030, -32.0950

Conversions

Conversions Part 2

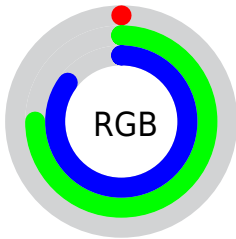
Format	Color
RYB	0, 102, 218
Decimal	49114
CIELab	71.09, -30.17, -24.76
CIELCh	71, 39.036, 219.376
Yxy	42.3236, 0.2136, 0.2890
Android (android.graphics.Color)	4278239194 (0xFF00BFDA)
YUV	136.9690, 39.9483, -120.1218
Hunter-Lab	65.0566, -28.0084, -20.8530

Details

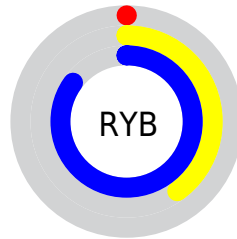
The Android color `4278239194` is a dark color, and the websafe version is hex `00CCFF`. The color can be described as middle washed azure. A complement of this color would be `4292483840`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4285266175`, and `4278225315` is the 20% darker color. If you saturate the color by 10%, you get `4278239194`, and if you desaturate by 10%, it is `4279681754`.

Distribution



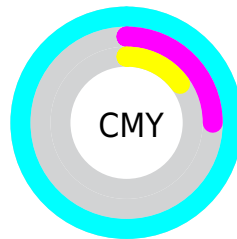
- Red (0%)
- Green (75%)
- Blue (85%)



- Red (0%)
- Yellow (40%)
- Blue (85%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278239194 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 4278239194 by changing the saturation by 10% instead.



4278239194



4278239194

4294967295



4278232254



4285266175



4278225315



4287430655



4278218633



4289527807



4278212463



4291559423



4278206295



4293656575



4278200639



4278192682



4278190356



4278190080

■ 4278239194

■ 4279681754

■ 4281124058

■ 4282501082

■ 4283943642

■ 4285386202

■ 4286828506

■ 4288271066

■ 4289648090

■ 4291090394

Harmonies

Analogous

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



4281516472



4278239194



4283283696

Triad

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



4278239194



4293170888



4290424935

Complementary

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



4278239194



4292483840

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.



4292518764



4278239194



4294152868

Square

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



4278239194



4290879973



4293892227



4287936886

Rectangle

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



4278239194



4286100213



4293892227



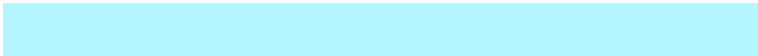
4291210342

Sweetspot

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



4278239194



4289984255



4278245913



4283595392



4278190080



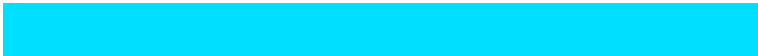
4286611584

Same Dimension

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



4278239194



4278247423



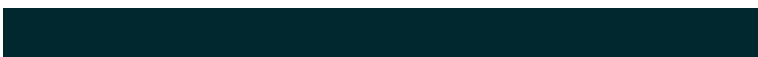
4278211802



4284705902



4278229165



4278200366

Inverse Universe

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



4292477119



4294901983



4292511232



4285424492



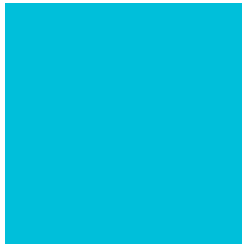
4289527960



4281204776

Previews

White Background



This preview shows how the Android color 4278239194 looks on a white background.

Color Contrast Check

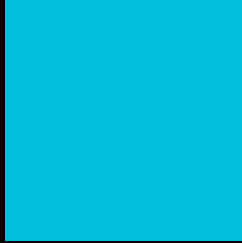
Large Text (above 18pt) WCAG AA × Fail

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 4278239194 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 4278239194 Background



This preview shows how black text looks on a background with the Android color 4278239194.



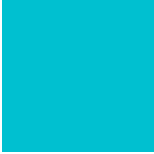
This preview shows how white text looks on a background with the Android color 4278239194.

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



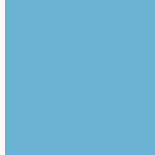


Tritanopia
4278239440

Trichromacy



Original Color
4278239194



Protanomaly
4285182673



Deuteranomaly
4285051613



Tritanomaly
4278239444

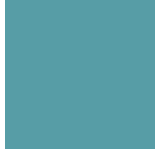
Monochromacy



Original Color
4278239194



Achromatopsia
4287203721



Achromatomaly
4283932070

CSS Examples

Text

The CSS property to change the color of the text to Android 4278239194 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, 191, 218)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 218)  
}
```

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, 191, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 218) }
```

Border

The CSS property to change the border of an element to Android 4278239194 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, 191, 218) }
```

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

```
.border{ border-color:rgb(0, 191, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 191, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 218);  
box-shadow:4px 4px 4px 4px rgb(0, 191,  
218) }
```

Background

The CSS property to change the background color of an element to Android 4278239194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 218) }
```

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

```
.background{ background-color: rgb(0, 191,  
218) }
```

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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