

Converting Colors

Android(4278639871)

Have a look what the booklet for
Android(4278639871) contains.

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Color

Android(4278639871)

Conversions

Conversions Part 1

Format	Color
Hex	06DCFF
RGB	6, 220, 255
RGB Percent	2%, 86%, 100%
CMY	0.9765, 0.1373, 0.0000
CMYK	0.98, 0.14, 0.00, 0.00
HSL	188°, 100%, 51%
HSV	188°, 98%, 100%
XYZ	43.7183, 58.4451, 103.5846
YIQ	160.0040, -138.7790, -34.4830

Conversions

Conversions Part 2

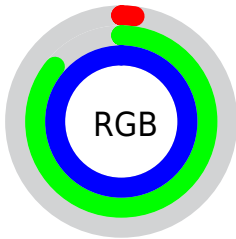
Format	Color
R _{YB}	6, 121, 255
Decimal	449791
CIE Lab	80.99, -32.08, -29.49
CIE LCh	81, 43.571, 222.587
Yxy	58.4451, 0.2125, 0.2841
Android (android.graphics.Color)	4278639871 (0xFF06DCFF)
YUV	160.0040, 46.8330, -135.0615
Hunter-Lab	76.4494, -31.7096, -26.8200

Details

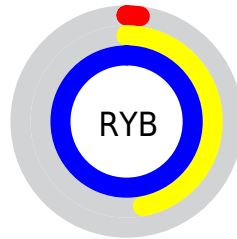
The Android color **4278639871** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **4294912262**, and the grayscale version is **4288716960**.

A 20% lighter version of the original color is **4285923327**, and **4278232518** is the 20% darker color. If you saturate the color by 10%, you get **4278246399**, and if you desaturate by 10%, it is **4280344831**.

Distribution



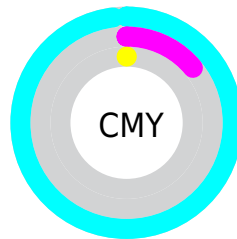
- Red (2%)
- Green (86%)
- Blue (100%)



- Red (2%)
- Yellow (47%)
- Blue (100%)



- Cyan (98%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (98%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278639871 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 4278639871 by changing the saturation by 10% instead.

 4278639871

 4278639871

4294967295

 4278239458

 4285923327

 4278232518

 4288217087

 4278225579

 4290379775

 4278218896

 4292542463

 4278212470

 4294639615

 4278206302

 4278200646

 4278192943

 4278190362

■ 4278639871

■ 4278639871

■ 4278246399

■ 4280344831

■ 4281983999

■ 4283688959

■ 4285328127

■ 4287033087

■ 4288672511

■ 4290377215

■ 4292016639

■ 4293721343

Harmonies

Analogous

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



4281524185



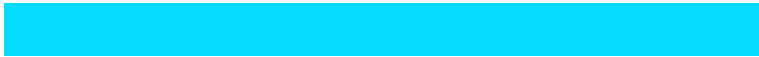
4278639871



4284601599

Triad

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



4278639871



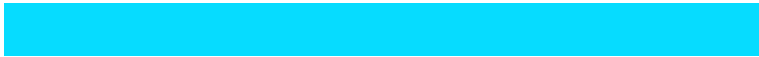
4294946019



4292070520

Complementary

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



4278639871



4294912262

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.



4294491772



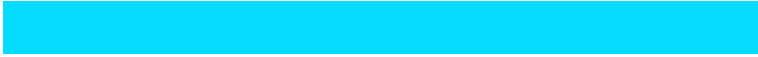
4278639871



4294945209

Square

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



4278639871



4293179647



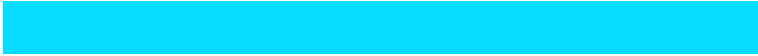
4294947220



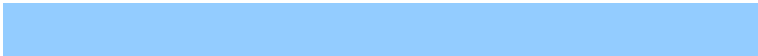
4289124236

Rectangle

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



4278639871



4287876351



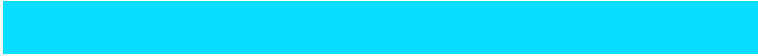
4294947220



4292921463

Sweetspot

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



4278639871



4290115071



4278648615



4283660672



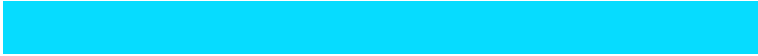
4278190080



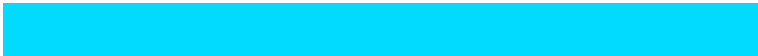
4286611584

Same Dimension

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



4278639871



4278246399



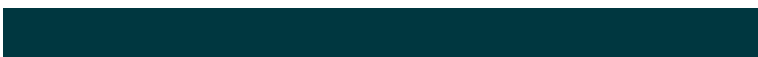
4278608383



4285759104



4278232255



4278204224

Inverse Universe

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



4294903516



4294901979



4294943750



4286608254



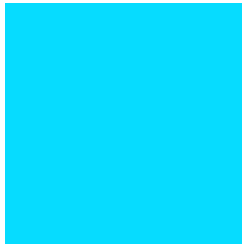
4290707620



4282384439

Previews

White Background



This preview shows how the Android color 4278639871 looks on a white background.

Color Contrast Check

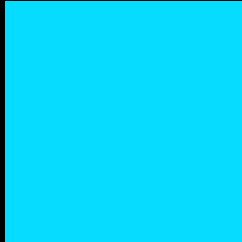
Large Text (above 18pt) WCAG AA × Fail

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 4278639871 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 4278639871 Background



This preview shows how black text looks on a background with the Android color 4278639871.



This preview shows how white text looks on a background with the Android color 4278639871.

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
4278247151

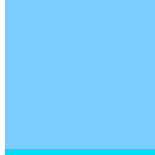
Trichromacy



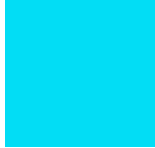
Original Color
4278639871



Protanomaly
4286303989



Deuteranomaly
4286172671

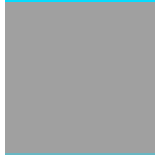


Tritanomaly
4278377973

Monochromacy



Original Color
4278639871



Achromatopsia
4288716960



Achromatomaly
4285052611

CSS Examples

Text

The CSS property to change the color of the text to Android 4278639871 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(6, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(6, 220, 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(6, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 220, 255) }
```

Border

The CSS property to change the border of an element to Android 4278639871 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(6, 220, 255) }
```

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

```
.border{ border-color:rgb(6, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(6, 220,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4278639871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 220, 255) }
```

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

```
.background{ background-color: rgb(6, 220,  
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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