

Converting Colors

Android(4278238711)

Have a look what the booklet for
Android(4278238711) contains.

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Color

Android(4278238711)

Conversions

Conversions Part 1

Format	Color
Hex	00BDF7
RGB	0, 189, 247
RGB Percent	0%, 74%, 97%
CMY	1.0000, 0.2588, 0.0314
CMYK	1.00, 0.23, 0.00, 0.03
HSL	194°, 100%, 48%
HSV	194°, 100%, 97%
XYZ	34.9861, 43.1106, 94.4729
YIQ	139.1010, -131.2620, -22.0300

Conversions

Conversions Part 2

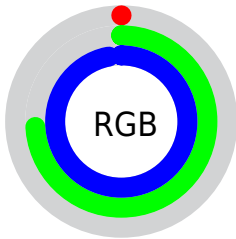
Format	Color
RYB	0, 107, 247
Decimal	48631
CIELab	71.63, -19.38, -39.67
CIELCh	72, 44.151, 243.963
Yxy	43.1106, 0.2027, 0.2498
Android (android.graphics.Color)	4278238711 (0xFF00BDF7)
YUV	139.1010, 53.1942, -121.9916
Hunter-Lab	65.6587, -19.7892, -39.3483

Details

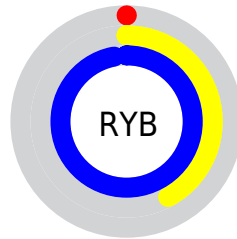
The Android color **4278238711** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **4294392320**, and the grayscale version is **4287335307**.

A 20% lighter version of the original color is **4285593087**, and **4278225086** is the 20% darker color. If you saturate the color by 10%, you get **4278238711**, and if you desaturate by 10%, it is **4279878647**.

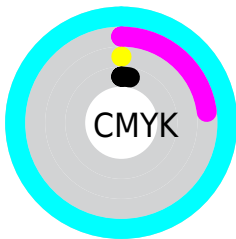
Distribution



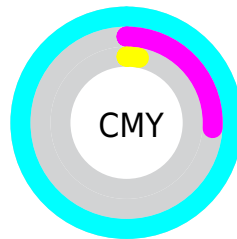
- Red (0%)
- Green (74%)
- Blue (97%)



- Red (0%)
- Yellow (42%)
- Blue (97%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (26%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278238711 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 4278238711 by changing the saturation by 10% instead.

 4278238711

 4278238711

4294967295

 4278231770

 4285593087

 4278225086

 4287823871

 4278218403

 4289921023

 4278212233

 4292018175

 4278206319

 4294115327

 4278200662

 4278194239

 4278190888

 4278190354

 4278238711

 4279878647

 4281453047

 4283092727

 4284732663

 4286372599

 4287946999

 4289586935

 4291226615

 4292801015

Harmonies

Analogous

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



4278240219



4278238711



4286231295

Triad

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



4278238711



4294676396



4288264811

Complementary

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



4278238711



4294392320

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.



4291080030



4278238711



4294612101

Square

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



4278238711



4293301716



4293239144



4284924555

Rectangle

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



4278238711



4289177849



4293239144



4289247076

Sweetspot

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



4278238711



4289981951



4278253370



4283594112



4278190080



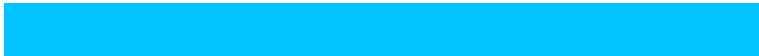
4286611584

Same Dimension

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



4278238711



4278240255



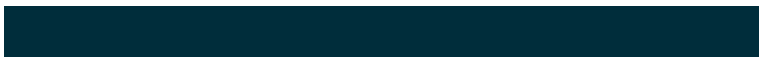
4278207223



4285429882



4278226618



4278201659

Inverse Universe

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



4294377661



4294901955



4294423808



4286213752



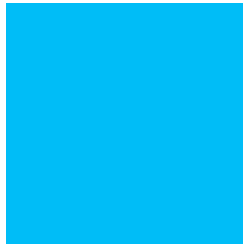
4290379918



4282056749

Previews

White Background



This preview shows how the Android color 4278238711 looks on a white background.

Color Contrast Check

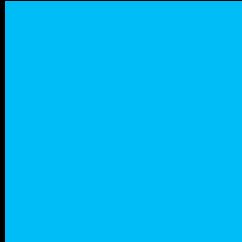
Large Text (above 18pt) WCAG AA × Fail

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 4278238711 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 4278238711 Background



This preview shows how black text looks on a background with the Android color 4278238711.

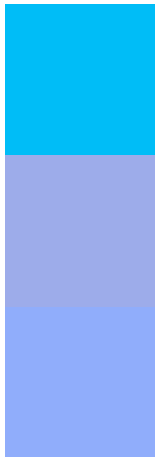


This preview shows how white text looks on a background with the Android color 4278238711.

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](#).

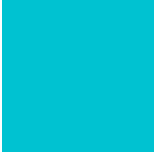
Dichromacy



Original Color
4278238711

Protanopia
4288523498

Deuteranopia
4287671803



Tritanopia
4278239953

Trichromacy



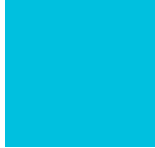
Original Color
4278238711



Protanomaly
4284789487



Deuteranomaly
4284265466



Tritanomaly
4278239455

Monochromacy



Original Color
4278238711



Achromatopsia
4287335307



Achromatomaly
4283997618

CSS Examples

Text

The CSS property to change the color of the text to Android 4278238711 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, 189, 247)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 247)  
}
```

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, 189, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 247) }
```

Border

The CSS property to change the border of an element to Android 4278238711 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, 189, 247) }
```

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

```
.border{ border-color:rgb(0, 189, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 189, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 247);  
box-shadow:4px 4px 4px 4px rgb(0, 189,  
247) }
```

Background

The CSS property to change the background color of an element to Android 4278238711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 189, 247) }
```

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

```
.background{ background-color: rgb(0, 189,  
247) }
```

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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