

Converting Colors

Android(4278238709)

Have a look what the booklet for
Android(4278238709) contains.

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Color

Android(4278238709)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00BDF5 |
| RGB | 0, 189, 245 |
| RGB Percent | 0%, 74%, 96% |
| CMY | 1.0000, 0.2588, 0.0392 |
| CMYK | 1.00, 0.23, 0.00, 0.04 |
| HSL | 194°, 100%, 48% |
| HSV | 194°, 100%, 96% |
| XYZ | 34.6790, 42.9878, 92.8559 |
| YIQ | 138.8730, -130.6200, -22.6520 |

Conversions

Conversions Part 2

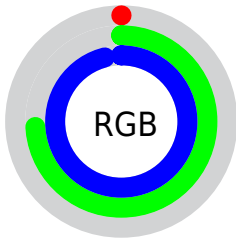
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 107, 245 |
| Decimal | 48629 |
| CIELab | 71.55, -20.07, -38.72 |
| CIELCh | 72, 43.613, 242.597 |
| Yxy | 42.9878, 0.2034, 0.2521 |
| Android (android.graphics.Color) | 4278238709 (0xFF00BDF5) |
| YUV | 138.8730, 52.3206, -121.7916 |
| Hunter-Lab | 65.5651, -20.3257, -38.0734 |

Details

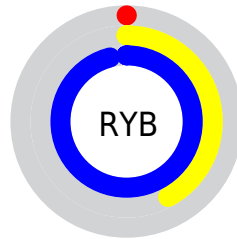
The Android color **4278238709** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **4294260736**, and the grayscale version is **4287269514**.

A 20% lighter version of the original color is **4285527551**, and **4278225084** is the 20% darker color. If you saturate the color by 10%, you get **4278238709**, and if you desaturate by 10%, it is **4279813109**.

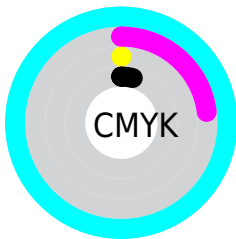
Distribution



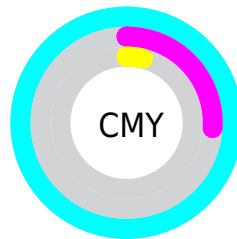
- Red (0%)
- Green (74%)
- Blue (96%)



- Red (0%)
- Yellow (42%)
- Blue (96%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (26%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278238709 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 4278238709 by changing the saturation by 10% instead.

 4278238709

 4278238709

4294967295

 4278231768

 4285527551

 4278225084

 4287758335

 4278218401

 4289921023

 4278212231

 4292018175

 4278206061

 4294115327

 4278200661

 4278194237

 4278190887

 4278190352

 4278238709

 4279813109

 4281452789

 4283092725

 4284666869

 4286306805

 4287881205

 4289455349

 4291095285

 4292734965

Harmonies

Analogous

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



4278240217



4278238709



4286034686

Triad

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



4278238709



4294610861



4288395882

Complementary

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



4278238709



4294260736

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.



4291145310



4278238709



4294546566

Square

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



4278238709



4293170901



4293304425



4285186441

Rectangle

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



4278238709



4288981497



4293304425



4289377892

Sweetspot

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



4278238709



4289982207



4278252853



4283594112



4278190080



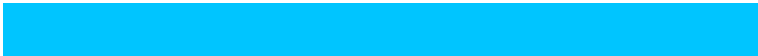
4286611584

Same Dimension

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



4278238709



4278240767



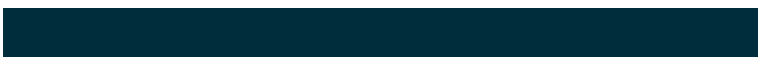
4278207989



4285429882



4278227130



4278201659

Inverse Universe

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



4294246589



4294901957



4294291456



4286213752



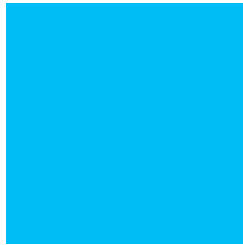
4290379920



4282056749

Previews

White Background



This preview shows how the Android color 4278238709 looks on a white background.

Color Contrast Check

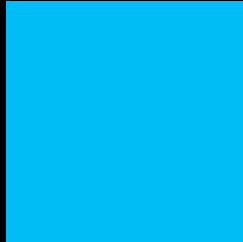
Large Text (above 18pt) WCAG AA × Fail

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 4278238709 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 4278238709 Background



This preview shows how black text looks on a background with the Android color 4278238709.



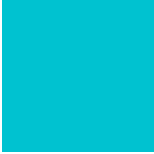
This preview shows how white text looks on a background with the Android color 4278238709.

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
4278239952

Trichromacy



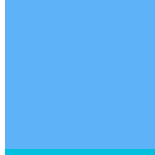
Original Color

4278238709



Protanomaly

4284789485



Deuteranomaly

4284330744



Tritanomaly

4278239453

Monochromacy



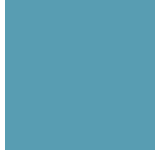
Original Color

4278238709



Achromatopsia

4287335307



Achromatomaly

4283997618

CSS Examples

Text

The CSS property to change the color of the text to Android 4278238709 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 245) }
```

Border

The CSS property to change the border of an element to Android 4278238709 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, 245) }
```

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

```
.border{ border-color:rgb(0, 189, 245) }
```

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, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 245);  
box-shadow:4px 4px 4px 4px rgb(0, 189,  
245) }
```

Background

The CSS property to change the background color of an element to Android 4278238709 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, 245) }
```

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

```
.background{ background-color: rgb(0, 189,  
245) }
```

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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