

Converting Colors

Android(4278244846)

Have a look what the booklet for
Android(4278244846) contains.

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Color

Android(4278244846)

Conversions

Conversions Part 1

Format	Color
Hex	00D5EE
RGB	0, 213, 238
RGB Percent	0%, 84%, 93%
CMY	1.0000, 0.1647, 0.0667
CMYK	1.00, 0.11, 0.00, 0.07
HSL	186°, 100%, 47%
HSV	186°, 100%, 93%
XYZ	39.2269, 53.7615, 89.1985
YIQ	152.1630, -134.9730, -37.3810

Conversions

Conversions Part 2

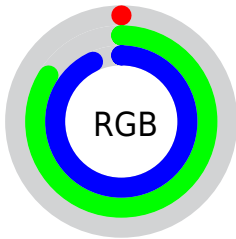
Format	Color
RYB	0, 112, 238
Decimal	54766
CIELab	78.32, -34.30, -24.51
CIElCh	78, 42.157, 215.554
Yxy	53.7615, 0.2153, 0.2951
Android (android.graphics.Color)	4278244846 (0xFF00D5EE)
YUV	152.1630, 42.3176, -133.4470
Hunter-Lab	73.3223, -32.8178, -20.8023

Details

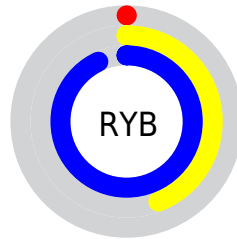
The Android color **4278244846** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **4293794048**, and the grayscale version is **4288190616**.

A 20% lighter version of the original color is **4285661183**, and **4278230710** is the 20% darker color. If you saturate the color by 10%, you get **4278244846**, and if you desaturate by 10%, it is **4279818222**.

Distribution



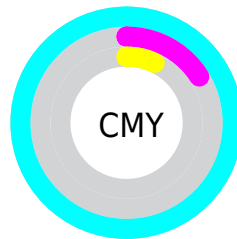
- Red (0%)
- Green (84%)
- Blue (93%)



- Red (0%)
- Yellow (44%)
- Blue (93%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278244846 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 4278244846 by changing the saturation by 10% instead.

 4278244846

 4278244846

4294967295

 4278237650

 4285661183

 4278230710

 4287889407

 4278223771

 4290052095

 4278217345

 4292149247

 4278210920

 4294246399

 4278204752

 4278199609

 4278190627

 4278190091

 4278244846

 4279818222

 4281391854

 4282899694

 4284473326

 4286046702

 4287620334

 4289193710

 4290701806

 4292275182

Harmonies

Analogous

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



4282505160



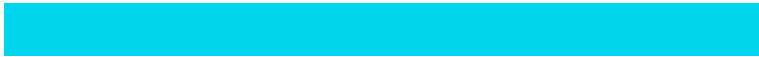
4278244846



4283289343

Triad

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



4278244846



4294551779



4292133491

Complementary

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



4278244846



4293794048

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.



4294358139



4278244846



4294943676

Square

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



4278244846



4291868159



4294944918



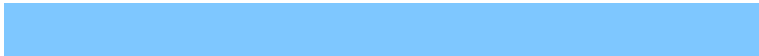
4289383809

Rectangle

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



4278244846



4286498815



4294944918



4292984179

Sweetspot

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



4278244846



4289984511



4278251032



4283595648



4278190080



4286611584

Same Dimension

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



4278244846



4278248703



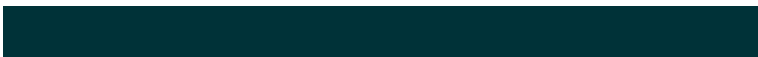
4278214638



4285298552



4278232248



4278202936

Inverse Universe

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



4293787861



4294901988



4293824256



4286082167



4290248868



4281860146

Previews

White Background



This preview shows how the Android color 4278244846 looks on a white background.

Color Contrast Check

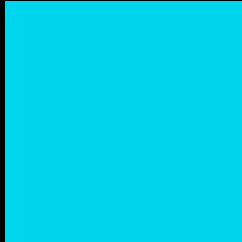
Large Text (above 18pt) WCAG AA × Fail

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 4278244846 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 4278244846 Background



This preview shows how black text looks on a background with the Android color 4278244846.



This preview shows how white text looks on a background with the Android color 4278244846.

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

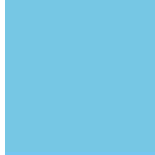


Trichromacy



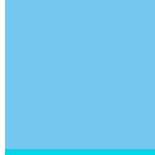
Original Color

4278244846



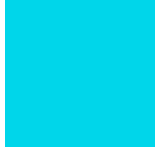
Protanomaly

4285974500



Deuteranomaly

4285908721



Tritanomaly

4278245098

Monochromacy



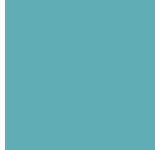
Original Color

4278244846



Achromatopsia

4288190616



Achromatomaly

4284591799

CSS Examples

Text

The CSS property to change the color of the text to Android 4278244846 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, 213, 238)` looks like.

```
.text, #text, p{  
    color:rgb(0, 213, 238)  
}
```

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, 213, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 213, 238) }
```

Border

The CSS property to change the border of an element to Android 4278244846 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, 213, 238) }
```

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

```
.border{ border-color:rgb(0, 213, 238) }
```

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

Here you see how a box with a 4 pixel rgb(0, 213, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 213, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 213, 238);  
box-shadow:4px 4px 4px 4px rgb(0, 213,  
238) }
```

Background

The CSS property to change the background color of an element to Android 4278244846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 213, 238) }
```

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

```
.background{ background-color: rgb(0, 213,  
238) }
```

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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