

Converting Colors

Android(4278431487)

Have a look what the booklet for
Android(4278431487) contains.

Android(4278431487)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278431487)

Conversions

Conversions Part 1

Format	Color
Hex	03AEFF
RGB	3, 174, 255
RGB Percent	1%, 68%, 100%
CMY	0.9882, 0.3176, 0.0000
CMYK	0.99, 0.32, 0.00, 0.00
HSL	199°, 100%, 51%
HSV	199°, 99%, 100%
XYZ	33.2236, 37.5115, 100.0971
YIQ	132.1050, -127.9170, -11.0610

Conversions

Conversions Part 2

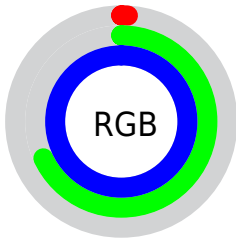
Format	Color
R _Y B	3, 105, 255
Decimal	241407
CIE Lab	67.66, -8.39, -50.23
CIE LCh	68, 50.925, 260.522
Yxy	37.5115, 0.1945, 0.2196
Android (android.graphics.Color)	4278431487 (0xFF03AEFF)
YUV	132.1050, 60.5872, -113.2251
Hunter-Lab	61.2466, -10.3531, -54.0268

Details

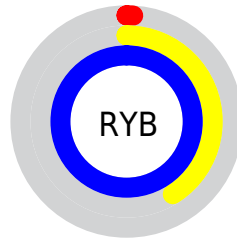
The Android color `4278431487` is a dark color, and the websafe version is hex `0099FF`. The color can be described as middle saturated azure. A complement of this color would be `4294923267`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4285654527`, and `4278221510` is the 20% darker color. If you saturate the color by 10%, you get `4278234623`, and if you desaturate by 10%, it is `4280071935`.

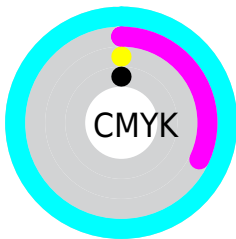
Distribution



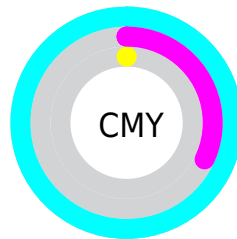
- Red (1%)
- Green (68%)
- Blue (100%)



- Red (1%)
- Yellow (41%)
- Blue (100%)



- Cyan (99%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (99%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278431487 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 4278431487 by changing the saturation by 10% instead.



4278431487



4278431487

4294967295



4278228194



4285654527



4278221510



4287889407



4278215082



4290052095



4278209167



4292149247



4278203509



4294246399



4278198364



4278191940



4278190893



4278190359

■ 4278431487

■ 4278431487

■ 4278234623

■ 4280071935

■ 4281777919

■ 4283484159

■ 4285124607

■ 4286830591

■ 4288471039

■ 4290111487

■ 4291817727

■ 4293523711

Harmonies

Analogous

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



4278237419



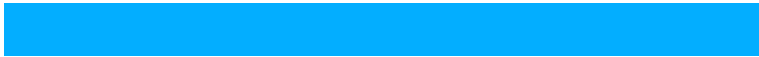
4278431487



4287667963

Triad

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



4278431487



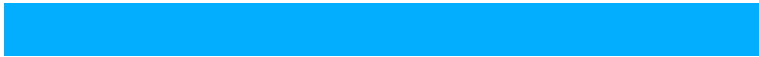
4294672263



4285249128

Complementary

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



4278431487



4294923267

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.



4288785483



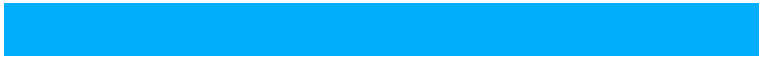
4278431487



4293692511

Square

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



4278431487



4294082485



4291599688



4278238100

Rectangle

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



4278431487



4290613995



4291599688



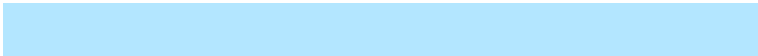
4286493532

Sweetspot

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



4278431487



4289980159



4278452051



4283593088



4278190080



4286611584

Same Dimension

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



4278431487



4278234623



4278399487



4285758336



4278223551



4278201152

Inverse Universe

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



4294902702



4294901933



4294955267



4286608251



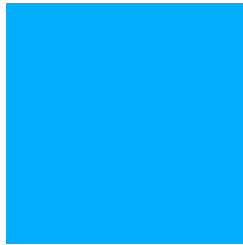
4290707586



4282384427

Previews

White Background



This preview shows how the Android color 4278431487 looks on a white background.

Color Contrast Check

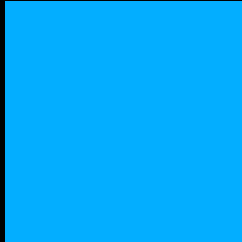
Large Text (above 18pt) WCAG AA × Fail

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 4278431487 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

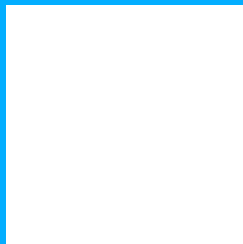
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278431487 Background



This preview shows how black text looks on a background with the Android color 4278431487.



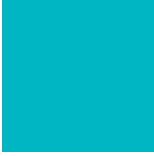
This preview shows how white text looks on a background with the Android color 4278431487.

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

4278431487



Protanomaly

4283934456



Deuteranomaly

4283083007



Tritanomaly

4278301657

Monochromacy



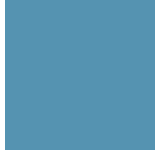
Original Color

4278431487



Achromatopsia

4286874756



Achromatomaly

4283798449

CSS Examples

Text

The CSS property to change the color of the text to Android 4278431487 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(3, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(3, 174, 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(3, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 174, 255) }
```

Border

The CSS property to change the border of an element to Android 4278431487 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(3, 174, 255) }
```

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

```
.border{ border-color:rgb(3, 174, 255) }
```

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

Here you see how a box with a 4 pixel rgb(3, 174, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(3, 174,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4278431487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 174, 255) }
```

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

```
.background{ background-color: rgb(3, 174,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor