

Converting Colors

Android(4278236153)

Have a look what the booklet for
Android(4278236153) contains.

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Color

Android(4278236153)

Conversions

Conversions Part 1

Format	Color
Hex	00B3F9
RGB	0, 179, 249
RGB Percent	0%, 70%, 98%
CMY	1.0000, 0.2980, 0.0235
CMYK	1.00, 0.28, 0.00, 0.02
HSL	197°, 100%, 49%
HSV	197°, 100%, 98%
XYZ	33.2190, 39.0798, 95.4149
YIQ	133.4590, -129.1540, -16.1780

Conversions

Conversions Part 2

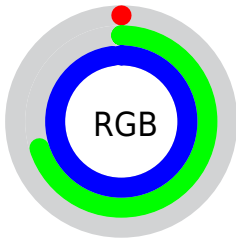
Format	Color
RYB	0, 104, 249
Decimal	46073
CIELab	68.81, -13.36, -45.17
CIELCh	69, 47.100, 253.523
Yxy	39.0798, 0.1981, 0.2330
Android (android.graphics.Color)	4278236153 (0xFF00B3F9)
YUV	133.4590, 56.9617, -117.0435
Hunter-Lab	62.5138, -14.5467, -46.7347

Details

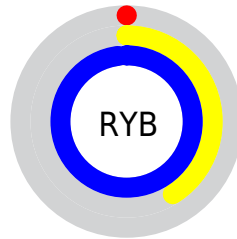
The Android color `4278236153` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle saturated azure. A complement of this color would be `4294526464`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4285524991`, and `4278222528` is the 20% darker color. If you saturate the color by 10%, you get `4278236153`, and if you desaturate by 10%, it is `4279876345`.

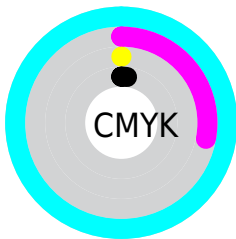
Distribution



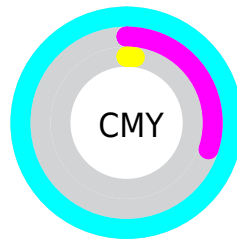
- Red (0%)
- Green (70%)
- Blue (98%)



- Red (0%)
- Yellow (41%)
- Blue (98%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (30%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278236153 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 4278236153 by changing the saturation by 10% instead.

 4278236153

 4278236153

4294967295

 4278229212

 4285524991

 4278222528

 4287823871

 4278216357

 4289921023

 4278210186

 4292018175

 4278204272

 4294115327

 4278198871

 4278191936

 4278190889

 4278190355

■ 4278236153

■ 4279876345

■ 4281516537

■ 4283156729

■ 4284796921

■ 4286437113

■ 4288011769

■ 4289651961

■ 4291292153

■ 4292932345

Harmonies

Analogous

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



4278238177



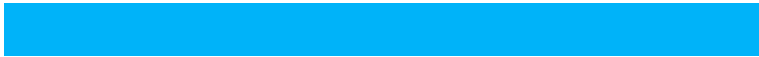
4278236153



4286949115

Triad

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



4278236153



4294542742



4286625384

Complementary

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



4278236153



4294526464

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.



4289702994



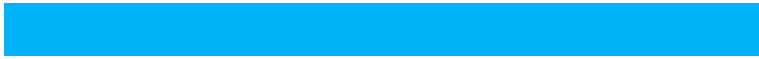
4278236153



4293955183

Square

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



4278236153



4293626049



4292255061



4282432654

Rectangle

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



4278236153



4289895407



4292255061



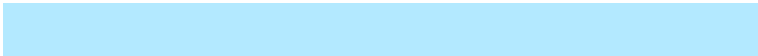
4287673182

Sweetspot

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



4278236153



4289980927



4278253890



4283593600



4278190080



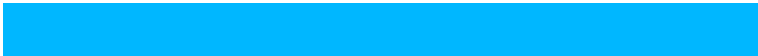
4286611584

Same Dimension

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



4278236153



4278237183



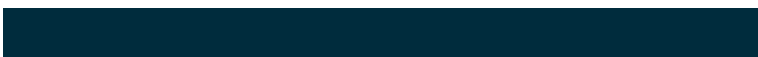
4278205177



4285561213



4278225085



4278201405

Inverse Universe

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



4294508723



4294901943



4294557440



4286410873



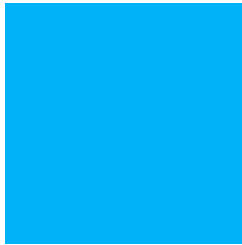
4290576520



4282187820

Previews

White Background



This preview shows how the Android color 4278236153 looks on a white background.

Color Contrast Check

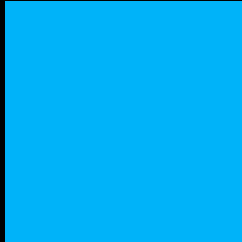
Large Text (above 18pt) WCAG AA × Fail

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 4278236153 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 4278236153 Background



This preview shows how black text looks on a background with the Android color 4278236153.



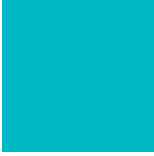
This preview shows how white text looks on a background with the Android color 4278236153.

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



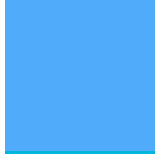
Original Color

4278236153



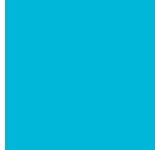
Protanomaly

4284262897



Deuteranomaly

4283476987



Tritanomaly

4278237145

Monochromacy



Original Color

4278236153



Achromatopsia

4286940549



Achromatomaly

4283799215

CSS Examples

Text

The CSS property to change the color of the text to Android 4278236153 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, 179, 249)` looks like.

```
.text, #text, p{  
    color:rgb(0, 179, 249)  
}
```

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, 179, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 179, 249) }
```

Border

The CSS property to change the border of an element to Android 4278236153 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, 179, 249) }
```

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

```
.border{ border-color:rgb(0, 179, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 179, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 179, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 179, 249);  
box-shadow:4px 4px 4px 4px rgb(0, 179,  
249) }
```

Background

The CSS property to change the background color of an element to Android 4278236153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 179, 249) }
```

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

```
.background{ background-color: rgb(0, 179,  
249) }
```

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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