

# Converting Colors

Android(4278228219)

Have a look what the booklet for  
Android(4278228219) contains.

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# Color

**Android(4278228219)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0094FB
RGB	0, 148, 251
RGB Percent	0%, 58%, 98%
CMY	1.0000, 0.4196, 0.0157
CMYK	1.00, 0.41, 0.00, 0.02
HSL	205°, 100%, 49%
HSV	205°, 100%, 98%
XYZ	28.0025, 28.1448, 95.2234
YIQ	115.4900, -121.2710, 0.6570

# Conversions

## Conversions Part 2

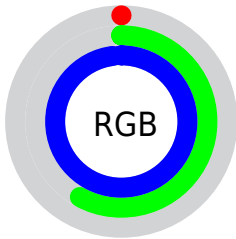
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 93, 251
Decimal	38139
CIE Lab	60.02, 5.03, -60.19
CIE LCh	60, 60.402, 274.780
Yxy	28.1448, 0.1850, 0.1859
Android (android.graphics.Color)	4278228219 (0xFF0094FB)
YUV	115.4900, 66.8064, -101.2847
Hunter-Lab	53.0517, 1.3778, -69.2844

# Details

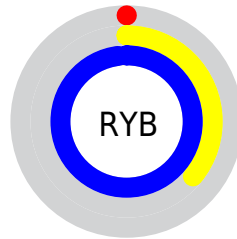
The Android color `4278228219` is a dark color, and the websafe version is hex `0099FF`. The color can be described as middle saturated azure. A complement of this color would be `4294665984`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4285516287`, and `4278215362` is the 20% darker color. If you saturate the color by 10%, you get `4278228219`, and if you desaturate by 10%, it is `4279869179`.

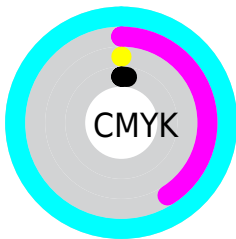
# Distribution



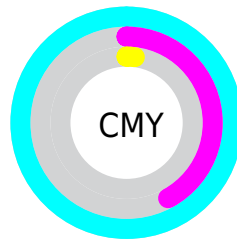
- Red (0%)
- Green (58%)
- Blue (98%)



- Red (0%)
- Yellow (36%)
- Blue (98%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (42%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278228219 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 4278228219 by changing the saturation by 10% instead.



 4278228219

 4278228219

4294967295

 4278221790

 4285516287

 4278215362

 4287751679

 4278209446

 4289855487

 4278203787

 4291952639

 4278198897

 4294049791

 4278192472


 4278191936

 4278190889

 4278190355

 4278228219

 4279869179

 4281510395

 4283151355

 4284792315

 4286498811

 4288140027

 4289780987

 4291421947

 4293063163

# Harmonies

## Analogous

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



4278231793



4278228219



4288511977

# Triad

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



4278228219



4293617751



4278232929

# Complementary

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



4278228219



4294665984

# 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.



4285374257



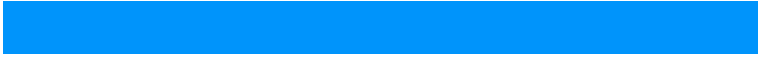
4278228219



4291788076

# Square

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



4278228219



4293942666



4288975126



4278233752

# Rectangle

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



4278228219



4291325903



4288975126



4281836880

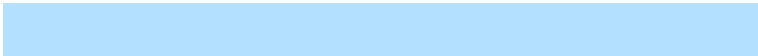


# Sweetspot

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



4278228219



4289978623



4278254436



4283592064



4278190080



4286611584



# Same Dimension

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



4278228219



4278228735



4278196731



4285560957



4278218685



4278199357



# Inverse Universe

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



4294639764



4294901910



4294697472



4286410872



4290576495



4282187812



# Previews

## White Background



This preview shows how the Android color 4278228219 looks on a white background.

### Color Contrast Check

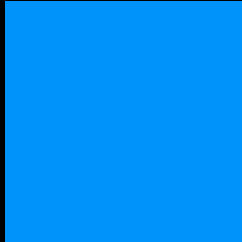
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278228219 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 × Fail

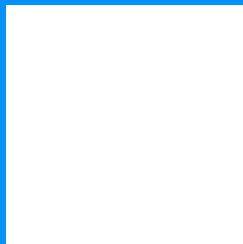
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278228219 Background



This preview shows how black text looks on a background with the Android color 4278228219.



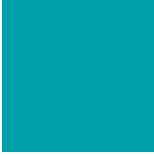
This preview shows how white text looks on a background with the Android color 4278228219.

# 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**  
4278231211

# Trichromacy



**Original Color**  
4278228219

**Protanomaly**  
4282421239

**Deuteranomaly**  
4280456188

**Tritanomaly**  
4278230216

# Monochromacy



**Original Color**  
4278228219

**Achromatopsia**  
4285756275

**Achromatomaly**  
4283006884

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278228219 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, 148, 251)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 251)  
}
```

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, 148, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 251) }
```

## Border

The CSS property to change the border of an element to Android 4278228219 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, 148, 251) }
```

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

```
.border{ border-color:rgb(0, 148, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 148, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 251);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
251) }
```

# Background

The CSS property to change the background color of an element to Android 4278228219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 251) }
```

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

```
.background{ background-color: rgb(0, 148,  
251) }
```

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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