

# Converting Colors

Android(4278493691)

Have a look what the booklet for  
Android(4278493691) contains.

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# **Color**

**Android(4278493691)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04A1FB
RGB	4, 161, 251
RGB Percent	2%, 63%, 98%
CMY	0.9843, 0.3686, 0.0157
CMYK	0.98, 0.36, 0.00, 0.02
HSL	202°, 97%, 50%
HSV	202°, 98%, 98%
XYZ	30.2075, 32.4806, 95.9441
YIQ	124.3170, -122.4620, -5.2940

# Conversions

## Conversions Part 2

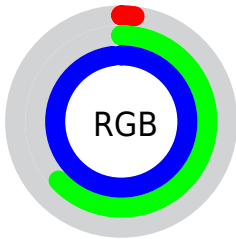
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	4, 100, 251
Decimal	303611
CIE Lab	63.74, -2.48, -54.26
CIE LCh	64, 54.319, 267.380
Yxy	32.4806, 0.1904, 0.2048
Android (android.graphics.Color)	4278493691 (0xFF04A1FB)
YUV	124.3170, 62.4547, -105.5180
Hunter-Lab	56.9917, -5.1246, -59.9189

# Details

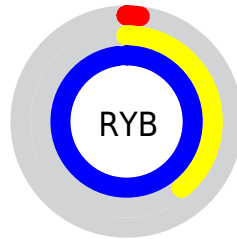
The Android color `4278493691` is a dark color, and the websafe version is hex `0099FF`. The color can be described as middle saturated azure. A complement of this color would be `4294663684`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4285585407`, and `4278218434` is the 20% darker color. If you saturate the color by 10%, you get `4278231291`, and if you desaturate by 10%, it is `4280134395`.

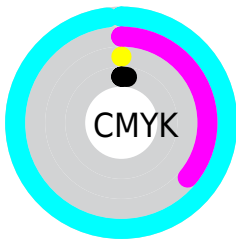
# Distribution



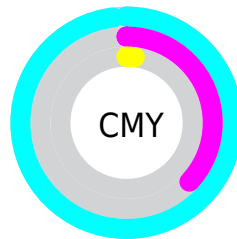
- Red (2%)
- Green (63%)
- Blue (98%)



- Red (2%)
- Yellow (39%)
- Blue (98%)



- Cyan (98%)
- Magenta (36%)
- Yellow (0%)
- Black (2%)



- Cyan (98%)
- Magenta (37%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278493691 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 4278493691 by changing the saturation by 10% instead.





4278493691



4278493691

4294967295



4278224862



4285585407



4278218434



4287821055



4278212262



4289921023



4278206347



4292018175



4278200945



4294115327



4278196056



4278191936



4278190889



4278190355

■ 4278493691

■ 4278493691

■ 4278231291

■ 4280134395

■ 4281775099

■ 4283415803

■ 4285056763

■ 4286763003

■ 4288403707

■ 4290044411

■ 4291685115

■ 4293325819

# Harmonies

## Analogous

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



4278234347



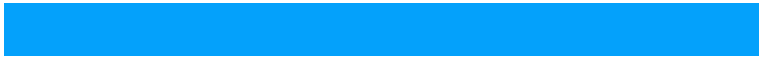
4278493691



4287991793

# Triad

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



4278493691



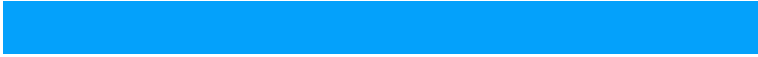
4294079601



4283018852

# Complementary

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



4278493691



4294663684

# 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.



4287210815



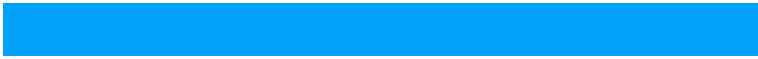
4278493691



4292772937

# Square

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



4278493691



4293947297



4290352692



4278235796

# Rectangle

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



4278493691



4290872028



4290352692



4284656470

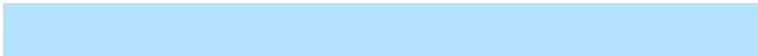


# Sweetspot

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



4278493691



4289979391



4278516570



4283592576



4278190080



4286611584

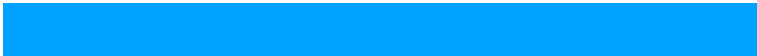


# Same Dimension

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



4278493691



4278231807



4278462971



4285560957



4278220989



4278200125



# Inverse Universe

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



4294640801



4294901922



4294694404



4286410872



4290576504

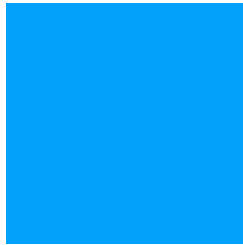


4282187815



# Previews

## White Background



This preview shows how the Android color 4278493691 looks on a white background.

## Color Contrast Check

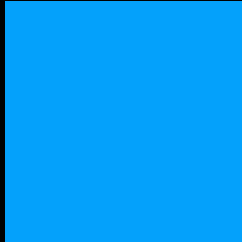
Large Text (above 18pt) WCAG AA × Fail

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 4278493691 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

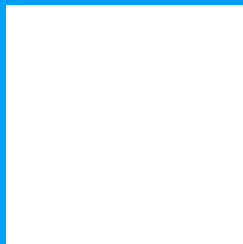
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278493691 Background



This preview shows how black text looks on a background with the Android color 4278493691.

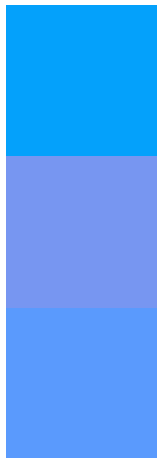


This preview shows how white text looks on a background with the Android color 4278493691.

# 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



**Original Color**  
4278493691

**Protanopia**  
4286027505

**Deuteranopia**  
4284127997



# Trichromacy



**Original Color**

4278493691



**Protanomaly**

4283276021



**Deuteranomaly**

4282097148



**Tritanomaly**

4278298576

# Monochromacy



**Original Color**

4278493691



**Achromatopsia**

4286348412



**Achromatomaly**

4283468202

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278493691 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(4, 161, 251)` looks like.

```
.text, #text, p{  
    color:rgb(4, 161, 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(4, 161, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 161, 251) }
```

## Border

The CSS property to change the border of an element to Android 4278493691 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(4, 161, 251) }
```

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

```
.border{ border-color:rgb(4, 161, 251) }
```

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

Here you see how a box with a 4 pixel rgb(4, 161, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 161, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 161, 251);  
box-shadow:4px 4px 4px 4px rgb(4, 161,  
251) }
```

# Background

The CSS property to change the background color of an element to Android 4278493691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 161, 251) }
```

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

```
.background{ background-color: rgb(4, 161,  
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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