

# Converting Colors

Android(4278556669)

Have a look what the booklet for  
Android(4278556669) contains.

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# Color

**Android(4278556669)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0597FD
RGB	5, 151, 253
RGB Percent	2%, 59%, 99%
CMY	0.9804, 0.4078, 0.0078
CMYK	0.98, 0.40, 0.00, 0.01
HSL	205°, 98%, 51%
HSV	205°, 98%, 99%
XYZ	28.8588, 29.2573, 97.0547
YIQ	118.9740, -119.7580, 0.7700

# Conversions

## Conversions Part 2

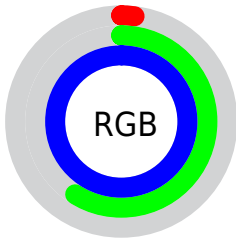
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 97, 253
Decimal	366589
CIELab	61.01, 4.13, -59.71
CIELCh	61, 59.849, 273.956
Yxy	29.2573, 0.1860, 0.1885
Android (android.graphics.Color)	4278556669 (0xFF0597FD)
YUV	118.9740, 66.0748, -99.9552
Hunter-Lab	54.0900, 0.5780, -68.5220

# Details

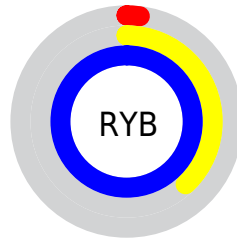
The Android color `4278556669` is a dark color, and the websafe version is hex `0099FF`. The color can be described as middle saturated azure. A complement of this color would be `4294798085`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4285582847`, and `4278216132` is the 20% darker color. If you saturate the color by 10%, you get `4278228477`, and if you desaturate by 10%, it is `4280197629`.

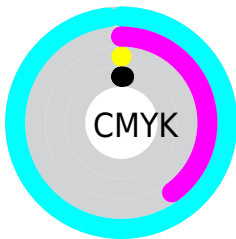
# Distribution



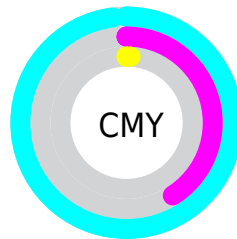
- Red (2%)
- Green (59%)
- Blue (99%)



- Red (2%)
- Yellow (38%)
- Blue (99%)



- Cyan (98%)
- Magenta (40%)
- Yellow (0%)
- Black (1%)



- Cyan (98%)
- Magenta (41%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278556669 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 4278556669 by changing the saturation by 10% instead.



 4278556669

 4278556669

4294967295

 4278222304

 4285582847

 4278216132

 4287818239

 4278210216

 4289986559

 4278204557

 4292083711

 4278199411

 4294115327

 4278193498

 4278191937

 4278190890

 4278190356

■ 4278556669

■ 4278556669

■ 4278228477

■ 4280197629

■ 4281904381

■ 4283545341

■ 4285186557

■ 4286893053

■ 4288534013

■ 4290175229

■ 4291816189

■ 4293522941

# Harmonies

## Analogous

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



4278232562



4278556669



4288578283

# Triad

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



4278556669



4293814875



4278233442

# Complementary

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



4278556669



4294798085

# 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.



4285636916



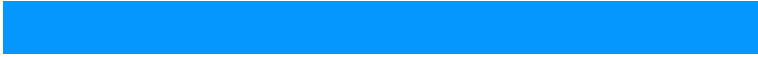
4278556669



4292050737

# Square

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



4278556669



4294074766



4289237788



4278234265

# Rectangle

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



4278556669



4291392466



4289237788



4282361682

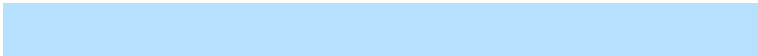


# Sweetspot

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



4278556669



4290109951



4278582632



4283657600



4278190080



4286611584



# Same Dimension

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



4278556669



4278228735



4278525693



4285758080



4278219199



4278199872



# Inverse Universe

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



4294772119



4294901910



4294829061



4286608250



4290707569



4282384422



# Previews

## White Background



This preview shows how the Android color 4278556669 looks on a white background.

### Color Contrast Check

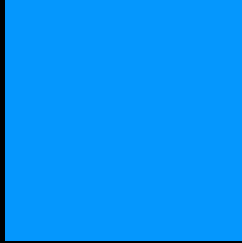
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278556669 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

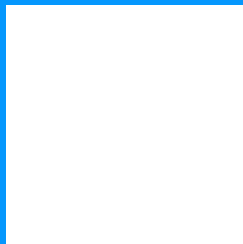
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278556669 Background



This preview shows how black text looks on a background with the Android color 4278556669.



This preview shows how white text looks on a background with the Android color 4278556669.

# 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**  
4278556669

**Protanomaly**  
4282618616

**Deuteranomaly**  
4280849918

**Tritanomaly**  
4278362059

# Monochromacy



**Original Color**  
4278556669

**Achromatopsia**  
4286019447

**Achromatomaly**  
4283335592

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278556669 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(5, 151, 253)` looks like.

```
.text, #text, p{  
    color:rgb(5, 151, 253)  
}
```

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(5, 151, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 151, 253) }
```

## Border

The CSS property to change the border of an element to Android 4278556669 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(5, 151, 253) }
```

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

```
.border{ border-color:rgb(5, 151, 253) }
```

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

Here you see how a box with a 4 pixel rgb(5, 151, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 151, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 151, 253);  
box-shadow:4px 4px 4px 4px rgb(5, 151,  
253) }
```

# Background

The CSS property to change the background color of an element to Android 4278556669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 151, 253) }
```

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

```
.background{ background-color: rgb(5, 151,  
253) }
```

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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