

# Converting Colors

Android(4278735346)

Have a look what the booklet for  
Android(4278735346) contains.

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# Color

**Android(4278735346)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0851F2
RGB	8, 81, 242
RGB Percent	3%, 32%, 95%
CMY	0.9686, 0.6824, 0.0510
CMYK	0.97, 0.67, 0.00, 0.05
HSL	221°, 94%, 49%
HSV	221°, 97%, 95%
XYZ	19.0696, 12.3473, 85.3826
YIQ	77.5270, -95.1890, 34.5950

# Conversions

## Conversions Part 2

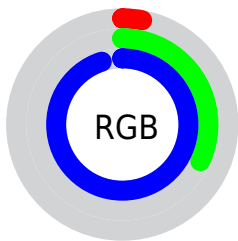
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	8, 64, 242
Decimal	545266
CIE <sub>Lab</sub>	41.76, 43.73, -84.84
CIE <sub>LCh</sub>	42, 95.448, 297.270
Y <sub>xy</sub>	12.3473, 0.1633, 0.1057
Android (android.graphics.Color)	4278735346 (0xFF0851F2)
Y <sub>UV</sub>	77.5270, 81.0852, -60.9752
Hunter-Lab	35.1387, 35.3782, -119.4701

# Details

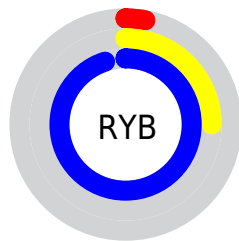
The Android color `4278735346` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark saturated blue. A complement of this color would be `4294093064`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4285629183`, and `4278199736` is the 20% darker color. If you saturate the color by 10%, you get `4278209522`, and if you desaturate by 10%, it is `4280312562`.

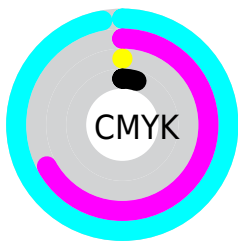
# Distribution



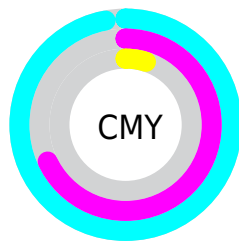
- Red (3%)
- Green (32%)
- Blue (95%)



- Red (3%)
- Yellow (25%)
- Blue (95%)



- Cyan (97%)
- Magenta (67%)
- Yellow (0%)
- Black (5%)



















- Cyan (97%)
- Magenta (68%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278735346 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 4278735346 by changing the saturation by 10% instead.



 4278735346	 4278735346
4294967295	 4278205141
 4285629183	 4278199736
 4287864063	 4278195357
 4290033663	 4278190210
 4292137983	 4278192999
 4294242303	 4278192718
	 4278191414
	 4278190624
	 4278190084

■ 4278735346

■ 4278735346

■ 4278209522

■ 4280312562

■ 4281889522

■ 4283532274

■ 4285109490

■ 4286686450

■ 4288263666

■ 4289840882

■ 4291483378

■ 4293060594

# Harmonies

## Analogous

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



4278219263



4278735346



4289986745

# Triad

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



4278735346



4290261504



4278222425

# Complementary

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



4278735346



4294093064

# 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.



4278221568



4278735346



4286537216

# Square

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



4278735346



4292608034



4280971776



4278223018

# Rectangle

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



4278735346



4292280456



4280971776



4278222141



# Sweetspot

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



4278735346



4290104575



4278776488



4283654528



4278190080



4286611584



# Same Dimension

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



4278735346



4278210815



4281534706



4285296760



4278204856



4278194744



# Inverse Universe

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



4294051921



4294901840



4291293704



4286082160



4290248761



4281860114



# Previews

## White Background



This preview shows how the Android color 4278735346 looks on a white background.

## Color Contrast Check

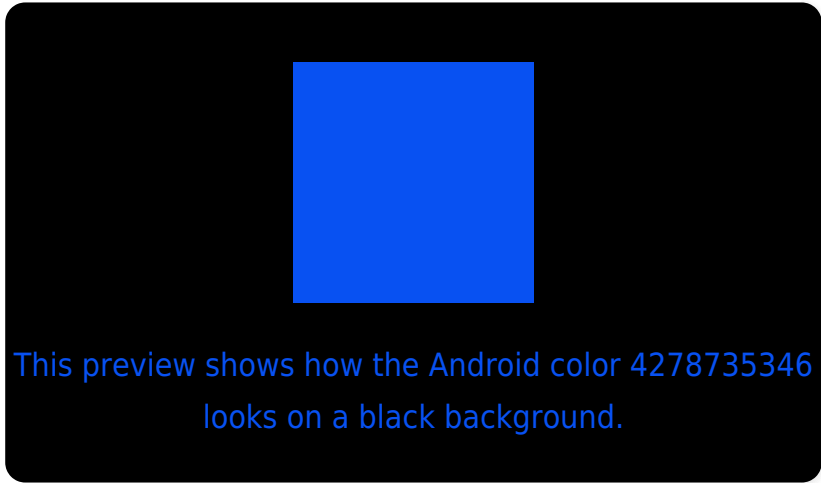
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4278735346 Background



This preview shows how black text looks on a background with the Android color 4278735346.



This preview shows how white text looks on a background with the Android color 4278735346.

# 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**

4278735346

**Protanomaly**

4278409687

**Tritanomaly**

4278412193

# Monochromacy



**Original Color**

4278735346

**Achromatopsia**

4283321934

**Achromatomaly**

4281683850

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278735346 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(8, 81, 242)` looks like.

```
.text, #text, p{  
    color:rgb(8, 81, 242)  
}
```

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(8, 81, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 81, 242) }
```

## Border

The CSS property to change the border of an element to Android 4278735346 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(8, 81, 242) }
```

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

```
.border{ border-color:rgb(8, 81, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 81, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 81, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 81, 242);  
box-shadow:4px 4px 4px 4px rgb(8, 81, 242)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278735346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 81, 242) }
```

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

```
.background{ background-color: rgb(8, 81,  
242) }
```

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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