

# Converting Colors

Android(4278745343)

Have a look what the booklet for  
Android(4278745343) contains.

<b>Android(4278745343)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4278745343)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0878FF
RGB	8, 120, 255
RGB Percent	3%, 47%, 100%
CMY	0.9686, 0.5294, 0.0000
CMYK	0.97, 0.53, 0.00, 0.00
HSL	213°, 100%, 52%
HSV	213°, 97%, 100%
XYZ	24.8666, 20.7046, 97.2935
YIQ	101.9020, -110.0870, 18.2410

# Conversions

## Conversions Part 2

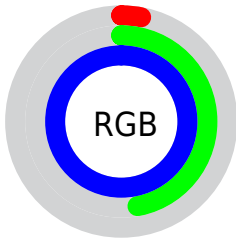
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	8, 85, 255
Decimal	555263
CIE Lab	52.62, 23.99, -74.32
CIE LCh	53, 78.095, 287.892
Yxy	20.7046, 0.1741, 0.1449
Android (android.graphics.Color)	4278745343 (0xFF0878FF)
YUV	101.9020, 75.4773, -82.3521
Hunter-Lab	45.5023, 17.9198, -94.9230

# Details

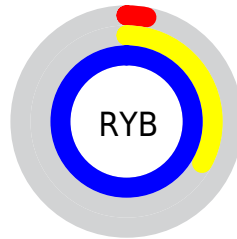
The Android color `4278745343` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark saturated azure. A complement of this color would be `4294938376`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4285705215`, and `4278208965` is the 20% darker color. If you saturate the color by 10%, you get `4278220031`, and if you desaturate by 10%, it is `4280387327`.

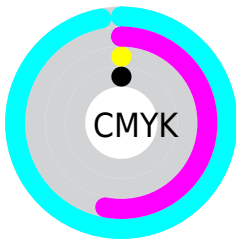
# Distribution



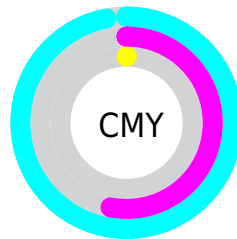
- Red (3%)
- Green (47%)
- Blue (100%)



- Red (3%)
- Yellow (33%)
- Blue (100%)



- Cyan (97%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (97%)
- Magenta (53%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278745343 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 4278745343 by changing the saturation by 10% instead.



 4278745343

 4278745343

4294967295

 4278214882

 4285705215

 4278208965

 4287940607

 4278203561

 4290110207

 4278198670

 4292214783

 4278193524

 4294311935

 4278193498

 4278191937

 4278190890

 4278190357

■ 4278745343

■ 4278745343

■ 4278220031

■ 4280387327

■ 4282094847

■ 4283802367

■ 4285444351

■ 4287151871

■ 4288793855

■ 4290501375

■ 4292143103

■ 4293850623

# Harmonies

## Analogous

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



4278226687



4278745343



4289746393

# Triad

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



4278745343



4292562709



4278229343

# Complementary

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



4278745343



4294938376

# 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.



4278227727



4278745343



4289687808

# Square

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



4278745343



4293928537



4285761280



4278229669

# Rectangle

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



4278745343



4292425906



4285761280



4278228807



# Sweetspot

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



4278745343



4290107391



4278779788



4283656064



4278190080



4286611584



# Same Dimension

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



4278745343



4278220031



4279240959



4285757824



4278212543



4278197568



# Inverse Universe

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



4294903928



4294901876



4294442760



4286608249



4290707543



4282384413



# Previews

## White Background



This preview shows how the Android color 4278745343 looks on a white background.

## Color Contrast Check

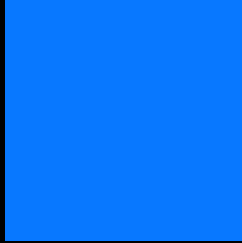
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278745343 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

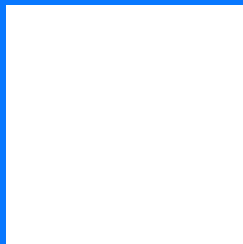
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278745343 Background



This preview shows how black text looks on a background with the Android color 4278745343.



This preview shows how white text looks on a background with the Android color 4278745343.

# 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**  
4278745343

**Protanopia**  
4279073023

**Deuteranopia**  
4278223069



# Trichromacy



**Original Color**  
4278745343

**Protanomaly**  
4278941951

**Deuteranomaly**  
4278418921

**Tritanomaly**  
4278420666

# Monochromacy



**Original Color**  
4278745343

**Achromatopsia**  
4284900966

**Achromatomaly**  
4282674590

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278745343 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, 120, 255)` looks like.

```
.text, #text, p{  
    color:rgb(8, 120, 255)  
}
```

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, 120, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 120, 255) }
```

## Border

The CSS property to change the border of an element to Android 4278745343 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, 120, 255) }
```

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

```
.border{ border-color:rgb(8, 120, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 120, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 120, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 120, 255);  
box-shadow:4px 4px 4px 4px rgb(8, 120,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4278745343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 120, 255) }
```

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

```
.background{ background-color: rgb(8, 120,  
255) }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor