

# Converting Colors

Android(4278845934)

Have a look what the booklet for  
Android(4278845934) contains.

<b>Android(4278845934)</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(4278845934)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A01EE
RGB	10, 1, 238
RGB Percent	4%, 0%, 93%
CMY	0.9608, 0.9961, 0.0667
CMYK	0.96, 1.00, 0.00, 0.07
HSL	242°, 99%, 47%
HSV	242°, 100%, 93%
XYZ	15.5686, 6.2593, 81.2765
YIQ	30.7090, -70.7130, 75.6150

# Conversions

## Conversions Part 2

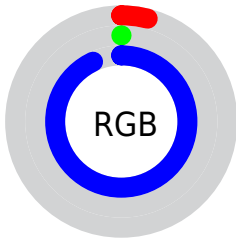
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 1, 238
Decimal	655854
CIELab	30.06, 75.05, -102.02
CIElCh	30, 126.648, 306.341
Yxy	6.2593, 0.1510, 0.0607
Android (android.graphics.Color)	4278845934 (0xFF0A01EE)
YUV	30.7090, 102.1945, -18.1618
Hunter-Lab	25.0186, 67.2952, -175.0994

# Details

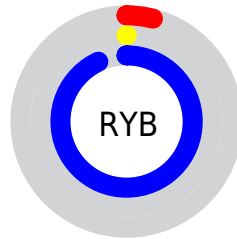
The Android color `4278845934` is a dark color, and the websafe version is hex `3300FF`. The color can be described as dark washed blue. A complement of this color would be `4293258753`, and the grayscale version is `4280163870`.

A 20% lighter version of the original color is `4285941247`, and `4278190260` is the 20% darker color. If you saturate the color by 10%, you get `4278780142`, and if you desaturate by 10%, it is `4280359406`.

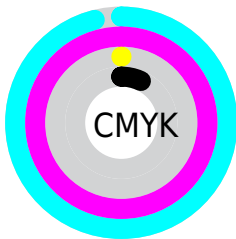
# Distribution



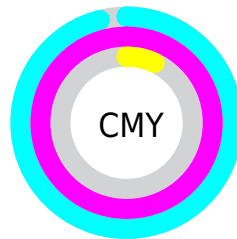
- Red (4%)
- Green (0%)
- Blue (93%)



- Red (4%)
- Yellow (0%)
- Blue (93%)



- Cyan (96%)
- Magenta (100%)
- Yellow (0%)
- Black (7%)





















- Cyan (96%)
- Magenta (100%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278845934 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 4278845934 by changing the saturation by 10% instead.



 4278845934	 4278845934
4294967295	 4278190289
 4285941247	 4278190260
 4288242175	 4278190232
 4290411775	 4278190461
 4292581375	 4278194019
 4294751487	 4278192458
 4294955263	 4278191154
 4294962687	 4278190620
	 4278190080

■ 4278845934

■ 4278845934

■ 4278780142

■ 4280359406

■ 4281872878

■ 4283386094

■ 4284899566

■ 4286347502

■ 4287860974

■ 4289374446

■ 4290887662

■ 4292401134

# Harmonies

## Analogous

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



4278212607



4278845934



4290707609

# Triad

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



4278845934



4287761152



4278215259

# Complementary

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



4278845934



4293258753

# 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.



4278214400



4278845934



4282665728

# Square

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



4278845934



4291231744



4278213376



4278216382

# Rectangle

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



4278845934



4292477016



4278213376



4278214968



# Sweetspot

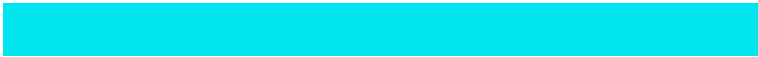
The Sweet Spot groups the original color and five complimentary colors.



4278845934



4290098175



4278314734



4283650688



4278190080



4286611584



# Same Dimension

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



4278845934



4278845695



4286513646



4285295736



4278649016



4278321208



# Inverse Universe

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



4293788133



4294902005



4285591041



4286082167



4290248881

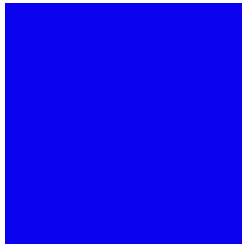


4281860150



# Previews

## White Background



This preview shows how the Android color 4278845934 looks on a white background.

## Color Contrast Check

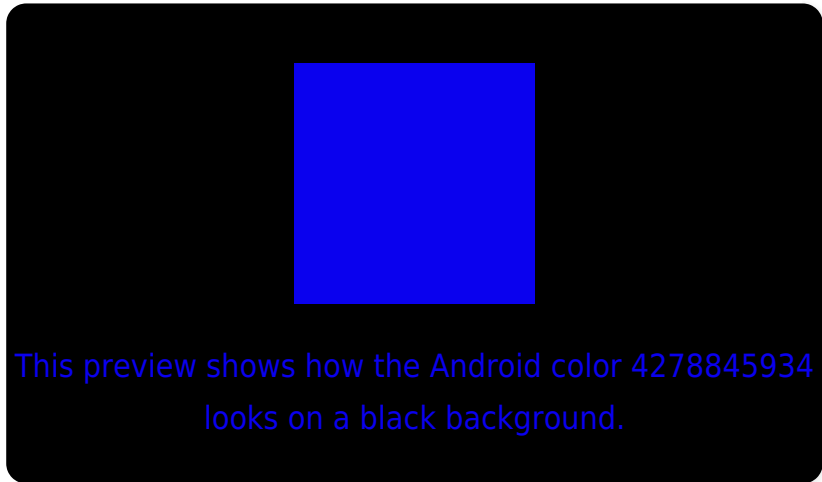
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

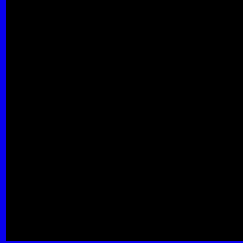
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278845934 Background



This preview shows how black text looks on a background with the Android color 4278845934.



This preview shows how white text looks on a background with the Android color 4278845934.

# 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**  
4278845934

**Protanopia**  
4278208146

**Deuteranopia**  
4278209148



# Trichromacy



**Original Color**  
4278845934

**Protanomaly**  
4278463923

**Deuteranomaly**  
4278464421

**Tritanomaly**  
4278465420

# Monochromacy



**Original Color**  
4278845934

**Achromatopsia**  
4280229663

**Achromatomaly**  
4279702634

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278845934 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(10, 1, 238)` looks like.

```
.text, #text, p{  
    color:rgb(10, 1, 238)  
}
```

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(10, 1, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 1, 238) }
```

## Border

The CSS property to change the border of an element to Android 4278845934 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(10, 1, 238) }
```

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

```
.border{ border-color:rgb(10, 1, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 1, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 1, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 1, 238);  
box-shadow:4px 4px 4px 4px rgb(10, 1, 238)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278845934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 1, 238) }
```

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

```
.background{ background-color: rgb(10, 1,  
238) }
```

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