

# Converting Colors

Android(4278780134)

Have a look what the booklet for  
Android(4278780134) contains.

<b>Android(4278780134)</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(4278780134)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0900E6
RGB	9, 0, 230
RGB Percent	4%, 0%, 90%
CMY	0.9647, 1.0000, 0.0980
CMYK	0.96, 1.00, 0.00, 0.10
HSL	242°, 100%, 45%
HSV	242°, 100%, 90%
XYZ	14.3956, 5.7712, 75.2181
YIQ	28.9110, -68.4660, 73.4380

# Conversions

## Conversions Part 2

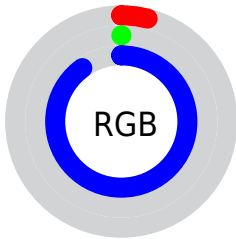
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 0, 230
Decimal	590054
CIELab	28.83, 73.30, -99.51
CIELCh	29, 123.593, 306.375
Yxy	5.7712, 0.1509, 0.0605
Android (android.graphics.Color)	4278780134 (0xFF0900E6)
YUV	28.9110, 99.1369, -17.4619
Hunter-Lab	24.0234, 64.9218, -168.8226

# Details

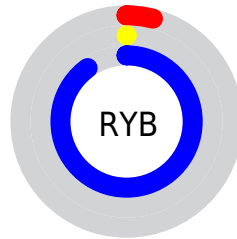
The Android color `4278780134` is a dark color, and the websafe version is hex `3300FF`. The color can be described as dark washed blue. A complement of this color would be `4292732416`, and the grayscale version is `4280032284`.

A 20% lighter version of the original color is `4285744383`, and `4278190252` is the 20% darker color. If you saturate the color by 10%, you get `4278780134`, and if you desaturate by 10%, it is `4280227814`.

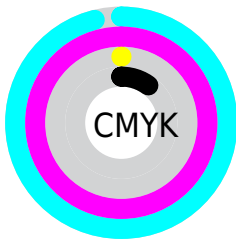
# Distribution



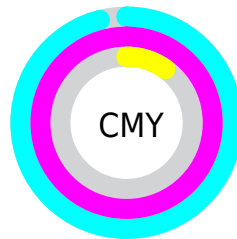
- Red (4%)
- Green (0%)
- Blue (90%)



- Red (4%)
- Yellow (0%)
- Blue (90%)



- Cyan (96%)
- Magenta (100%)
- Yellow (0%)
- Black (10%)





















- Cyan (96%)
- Magenta (100%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278780134 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 4278780134 by changing the saturation by 10% instead.



 4278780134	 4278780134
4294967295	 4278190281
 4285744383	 4278190252
 4288045055	 4278190225
 4290214655	 4278191222
 4292384255	 4278193500
 4294488575	 4278191939
 4294954751	 4278190892
 4294962175	 4278190359
	 4278190080

 4278780134

 4280227814

 4281675494

 4283123174

 4284570854

 4286018534

 4287531750

 4288979430

 4290427110

 4291874790

# Harmonies

## Analogous

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



4278211839



4278780134



4290248851

# Triad

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



4278780134



4287367424



4278214232

# Complementary

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



4278780134



4292732416

# 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.



4278213376



4278780134



4282533888

# Square

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



4278780134



4290772992



4278212352



4278215352

# Rectangle

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



4278780134



4292018261



4278212352



4278213942



# Sweetspot

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



4278780134



4290098175



4278247142



4283650688



4278190080



4286611584



# Same Dimension

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



4278780134



4278845695



4286251238



4285032307



4278649011



4278321203



# Inverse Universe

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



4293263581



4294902005



4285261312



4285753202



4289921196

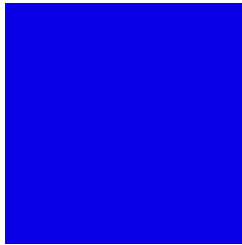


4281532465



# Previews

## White Background



This preview shows how the Android color 4278780134 looks on a white background.

## Color Contrast Check

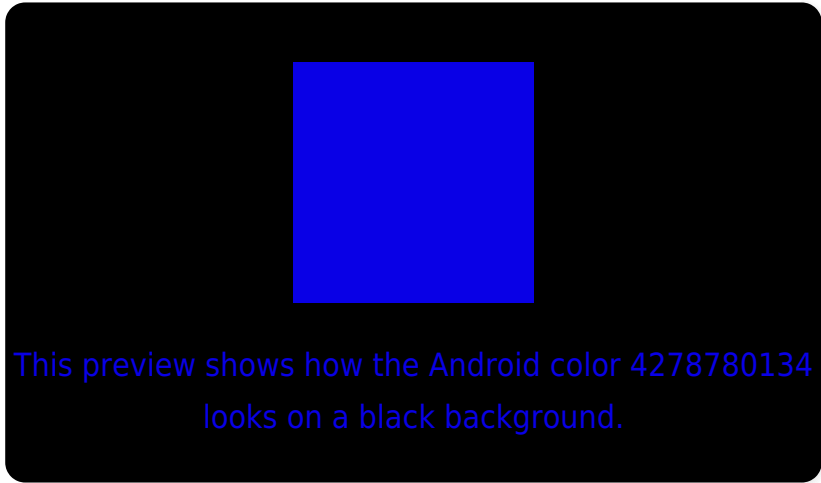
Large Text (above 18pt) WCAG AA ✓ Pass

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

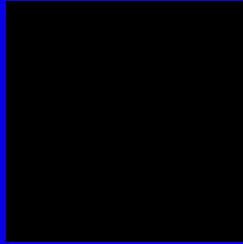
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278780134 Background



This preview shows how black text looks on a background with the Android color 4278780134.



This preview shows how white text looks on a background with the Android color 4278780134.

# 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**  
4278780134

**Protanopia**  
4278207373

**Deuteranopia**  
4278208631



# Trichromacy



**Original Color**

4278780134

**Protanomaly**

4278397869

**Deuteranomaly**

4278398623

**Tritanomaly**

4278399367

# Monochromacy



**Original Color**

4278780134

**Achromatopsia**

4280098077

**Achromatomaly**

4279636582

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278780134 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(9, 0, 230)` looks like.

```
.text, #text, p{  
    color:rgb(9, 0, 230)  
}
```

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(9, 0, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 0, 230) }
```

## Border

The CSS property to change the border of an element to Android 4278780134 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(9, 0, 230) }
```

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

```
.border{ border-color:rgb(9, 0, 230) }
```

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

Here you see how a box with a 4 pixel rgb(9, 0, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 0, 230); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 0, 230); box-shadow:4px  
4px 4px 4px rgb(9, 0, 230) }
```

# Background

The CSS property to change the background color of an element to Android 4278780134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 0, 230) }
```

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

```
.background{ background-color: rgb(9, 0,  
230) }
```

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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