

# Converting Colors

Android(4278195178)

Have a look what the booklet for  
Android(4278195178) contains.

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# Color

**Android(4278195178)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0013EA
RGB	0, 19, 234
RGB Percent	0%, 7%, 92%
CMY	1.0000, 0.9255, 0.0824
CMYK	1.00, 0.92, 0.00, 0.08
HSL	235°, 100%, 46%
HSV	235°, 100%, 92%
XYZ	15.0842, 6.4063, 78.2834
YIQ	37.8290, -80.3390, 62.8370

# Conversions

## Conversions Part 2

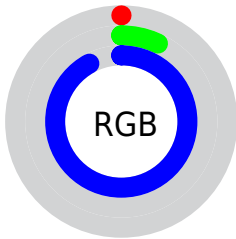
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 18, 234
Decimal	5098
CIELab	30.42, 70.64, -99.14
CIELCh	30, 121.736, 305.470
Yxy	6.4063, 0.1512, 0.0642
Android (android.graphics.Color)	4278195178 (0xFF0013EA)
YUV	37.8290, 96.7123, -33.1760
Hunter-Lab	25.3106, 62.0857, -165.6613

# Details

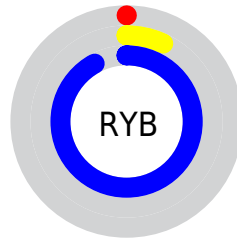
The Android color `4278195178` is a dark color, and the websafe version is hex `0033FF`. The color can be described as dark washed blue. A complement of this color would be `4293580544`, and the grayscale version is `4280624421`.

A 20% lighter version of the original color is `4285746431`, and `4278190256` is the 20% darker color. If you saturate the color by 10%, you get `4278195178`, and if you desaturate by 10%, it is `4279708138`.

# Distribution



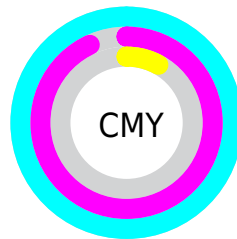
- Red (0%)
- Green (7%)
- Blue (92%)



- Red (0%)
- Yellow (7%)
- Blue (92%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (93%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278195178 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 4278195178 by changing the saturation by 10% instead.



 4278195178

 4278195178

4294967295

 4278190285

 4285746431

 4278190256

 4287981311

 4278190229

 4290216447

 4278190714

 4292320767

 4278193759

 4294490623

 4278192199

 4294956543

 4278191151

 4294963967

 4278190362

 4278190080

 4278195178

 4279708138

 4281286378

 4282799338

 4284377578

 4285890538

 4287403242

 4288981738

 4290494442

 4292072938

# Harmonies

## Analogous

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



4278212607



4278195178



4290379929

# Triad

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



4278195178



4287761920



4278215256

# Complementary

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



4278195178



4293580544

# 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



4278195178



4282993408

# Square

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



4278195178



4291166208



4278213376



4278216376

# Rectangle

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



4278195178



4292214875



4278213376



4278214966



# Sweetspot

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



4278195178



4289968639



4278250198



4283585920



4278190080



4286611584



# Same Dimension

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



4278195178



4278195711



4284612842



4285164405



4278194101



4278191158



# Inverse Universe

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



4293525523



4294901781



4287228416



4285885035



4290052111

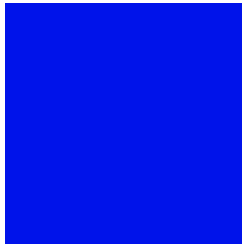


4281729028



# Previews

## White Background



This preview shows how the Android color 4278195178 looks on a white background.

## Color Contrast Check

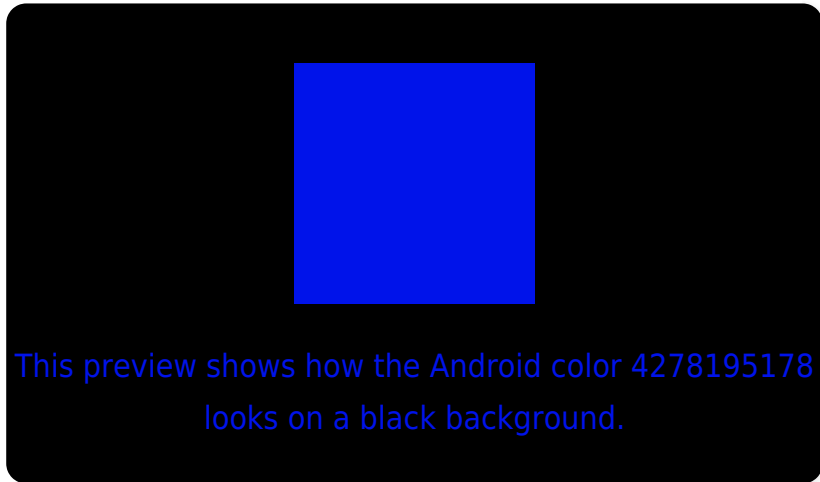
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278195178 Background



This preview shows how black text looks on a background with the Android color 4278195178.



This preview shows how white text looks on a background with the Android color 4278195178.

# 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**  
4278195178

**Protanopia**  
4278208146

**Deuteranopia**  
4278209147

# Trichromacy



**Original Color**  
4278195178

**Protanomaly**  
4278203314

**Deuteranomaly**  
4278204067

# Monochromacy



**Original Color**  
4278195178

**Achromatopsia**  
4280690214

**Achromatomaly**  
4279770989

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278195178 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(0, 19, 234)` looks like.

```
.text, #text, p{  
    color:rgb(0, 19, 234)  
}
```

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(0, 19, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 19, 234) }
```

## Border

The CSS property to change the border of an element to Android 4278195178 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(0, 19, 234) }
```

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

```
.border{ border-color:rgb(0, 19, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 19, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 19, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 19, 234);  
box-shadow:4px 4px 4px 4px rgb(0, 19, 234)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278195178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 19, 234) }
```

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

```
.background{ background-color: rgb(0, 19,  
234) }
```

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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