

# Converting Colors

Android(4278199274)

Have a look what the booklet for  
Android(4278199274) contains.

<b>Android(4278199274)</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(4278199274)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0023EA
RGB	0, 35, 234
RGB Percent	0%, 14%, 92%
CMY	1.0000, 0.8627, 0.0824
CMYK	1.00, 0.85, 0.00, 0.08
HSL	231°, 100%, 46%
HSV	231°, 100%, 92%
XYZ	15.4523, 7.1426, 78.4061
YIQ	47.2210, -84.7390, 54.4690

# Conversions

## Conversions Part 2

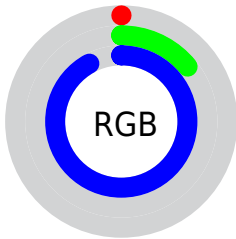
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 30, 234
Decimal	9194
CIELab	32.13, 65.44, -96.28
CIELCh	32, 116.414, 304.201
Yxy	7.1426, 0.1530, 0.0707
Android (android.graphics.Color)	4278199274 (0xFF0023EA)
YUV	47.2210, 92.0820, -41.4128
Hunter-Lab	26.7256, 56.4360, -155.2339

# Details

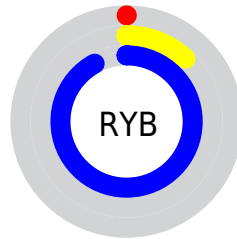
The Android color `4278199274` is a dark color, and the websafe version is hex `0033FF`. The color can be described as dark washed blue. A complement of this color would be `4293576448`, and the grayscale version is `4281216558`.

A 20% lighter version of the original color is `4285683455`, and `4278190256` is the 20% darker color. If you saturate the color by 10%, you get `4278199274`, and if you desaturate by 10%, it is `4279711722`.

# Distribution



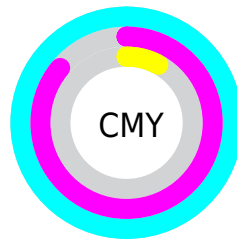
- Red (0%)
- Green (14%)
- Blue (92%)



- Red (0%)
- Yellow (12%)
- Blue (92%)



- Cyan (100%)
- Magenta (85%)
- Yellow (0%)
- Black (8%)





















- Cyan (100%)
- Magenta (86%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278199274 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 4278199274 by changing the saturation by 10% instead.



 4278199274	 4278199274
4294967295	 4278191309
 4285683455	 4278190256
 4287918335	 4278190229
 4290087935	 4278190202
 4292257535	 4278193760
 4294361855	 4278192199
 4294959103	 4278191151
 4294966527	 4278190362
	 4278190080

 4278199274

 4279711722

 4281289706

 4282802154

 4284380138

 4285892330

 4287404778

 4288982762

 4290495210

 4292073194

# Harmonies

## Analogous

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



4278213631



4278199274



4290248862

# Triad

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



4278199274



4288156928



4278216279

# Complementary

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



4278199274



4293576448

# 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.



4278215680



4278199274



4283584000

# Square

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



4278199274



4291297280



4278214144



4278217140

# Rectangle

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



4278199274



4292149346



4278214144



4278215991



# Sweetspot

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



4278199274



4289969919



4278250183



4283586688



4278190080



4286611584



# Same Dimension

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



4278199274



4278200063



4283564266



4285164405



4278197173



4278192182



# Inverse Universe

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



4293525539



4294901798



4288211456



4285885035



4290052123

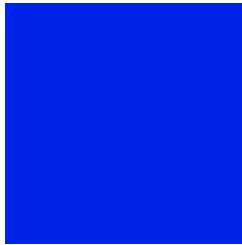


4281729032



# Previews

## White Background



This preview shows how the Android color 4278199274 looks on a white background.

## Color Contrast Check

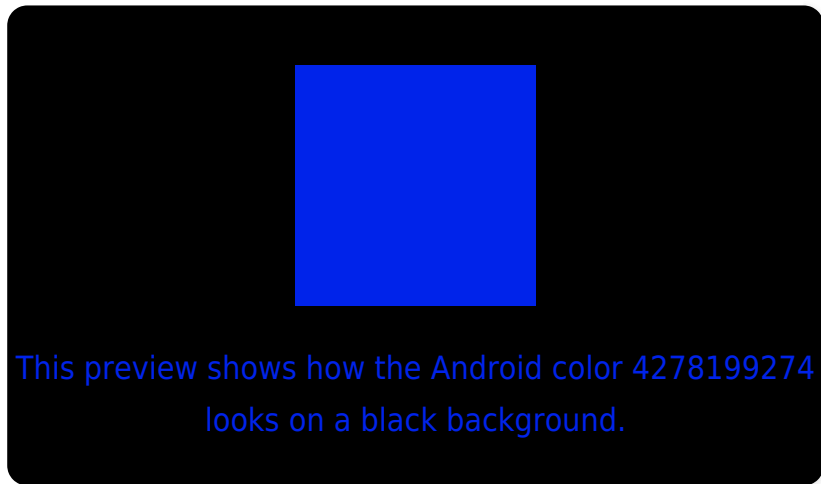
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278199274 Background



This preview shows how black text looks on a background with the Android color 4278199274.



This preview shows how white text looks on a background with the Android color 4278199274.

# 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**  
4278199274

**Protanopia**  
4278208921

**Deuteranopia**  
4278210178



# Trichromacy



**Original Color**

4278199274

**Protanomaly**

4278205366

**Deuteranomaly**

4278206120

**Tritanomaly**

4278207117

# Monochromacy



**Original Color**

4278199274

**Achromatopsia**

4281282351

**Achromatomaly**

4280167283

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278199274 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, 35, 234)` looks like.

```
.text, #text, p{  
    color:rgb(0, 35, 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, 35, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 35, 234) }
```

## Border

The CSS property to change the border of an element to Android 4278199274 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, 35, 234) }
```

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

```
.border{ border-color:rgb(0, 35, 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, 35, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 35, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 35, 234);  
box-shadow:4px 4px 4px 4px rgb(0, 35, 234)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278199274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 35, 234) }
```

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

```
.background{ background-color: rgb(0, 35,  
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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