

# Converting Colors

Android(4278191341)

Have a look what the booklet for  
Android(4278191341) contains.

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# Color

**Android(4278191341)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0004ED
RGB	0, 4, 237
RGB Percent	0%, 2%, 93%
CMY	1.0000, 0.9843, 0.0706
CMYK	1.00, 0.98, 0.00, 0.07
HSL	239°, 100%, 46%
HSV	239°, 100%, 93%
XYZ	15.3295, 6.2013, 80.5098
YIQ	29.3660, -77.1770, 71.6150

# Conversions

## Conversions Part 2

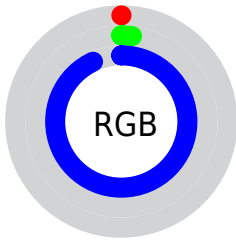
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 4, 237
Decimal	1261
CIE Lab	29.91, 74.26, -101.69
CIE LCh	30, 125.917, 306.138
Yxy	6.2013, 0.1502, 0.0608
Android (android.graphics.Color)	4278191341 (0xFF0004ED)
YUV	29.3660, 102.3636, -25.7540
Hunter-Lab	24.9023, 66.3027, -174.2543

# Details

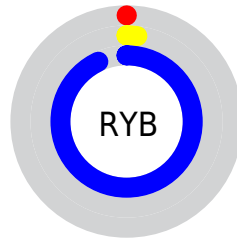
The Android color **4278191341** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **4293781760**, and the grayscale version is **4280032284**.

A 20% lighter version of the original color is **4285810431**, and **4278190259** is the 20% darker color. If you saturate the color by 10%, you get **4278191341**, and if you desaturate by 10%, it is **4279770093**.

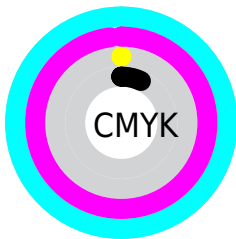
# Distribution



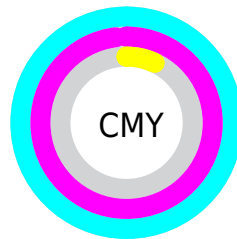
- Red (0%)
- Green (2%)
- Blue (93%)



- Red (0%)
- Yellow (2%)
- Blue (93%)



- Cyan (100%)
- Magenta (98%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (98%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278191341 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 4278191341 by changing the saturation by 10% instead.



 4278191341

 4278191341

4294967295

 4278190288

 4285810431

 4278190259

 4288111103

 4278190231

 4290346239

 4278190716

 4292450559

 4278194018

 4294620415

 4278192457

 4294955263

 4278191154

 4294962943

 4278190364

 4278190080

 4278191341

 4279770093

 4281283565

 4282862317

 4284441069

 4285954285

 4287533293

 4289112045

 4290690797

 4292204269

# Harmonies

## Analogous

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



4278212607



4278191341



4290576537

# Triad

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



4278191341



4287695104



4278215002

# Complementary

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



4278191341



4293781760

# 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.



4278214144



4278191341



4282731264

# Square

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



4278191341



4291166208



4278213120



4278216125

# Rectangle

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



4278191341



4292411480



4278213120



4278214711



# Sweetspot

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



4278191341



4289967359



4278250981



4283585152



4278190080



4286611584



# Same Dimension

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



4278191341



4278191359



4285464813



4285164149



4278191029



4278190390



# Inverse Universe

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



4293722116



4294901764



4286508288



4285885034



4290052099



4281729025



# Previews

## White Background



This preview shows how the Android color 4278191341 looks on a white background.

## Color Contrast Check

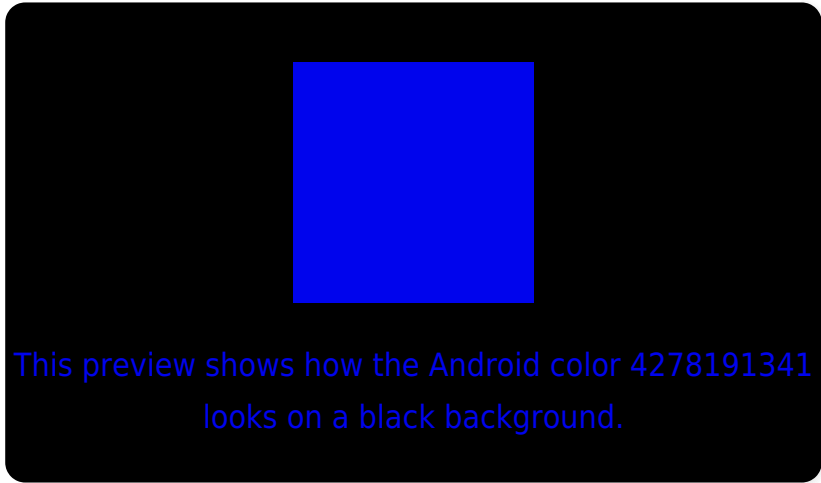
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278191341 Background



This preview shows how black text looks on a background with the Android color 4278191341.



This preview shows how white text looks on a background with the Android color 4278191341.

# 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**  
4278191341

**Protanopia**  
4278207889

**Deuteranopia**  
4278209147

# Trichromacy



**Original Color**  
4278191341

**Protanomaly**  
4278201778

**Deuteranomaly**  
4278202788

# Monochromacy



**Original Color**  
4278191341

**Achromatopsia**  
4280098077

**Achromatomaly**  
4279374953

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278191341 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, 4, 237)` looks like.

```
.text, #text, p{  
    color:rgb(0, 4, 237)  
}
```

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, 4, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 4, 237) }
```

## Border

The CSS property to change the border of an element to Android 4278191341 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, 4, 237) }
```

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

```
.border{ border-color:rgb(0, 4, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 4, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 4, 237); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 4, 237); box-shadow:4px  
4px 4px 4px rgb(0, 4, 237) }
```

# Background

The CSS property to change the background color of an element to Android 4278191341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 4, 237) }
```

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

```
.background{ background-color: rgb(0, 4,  
237) }
```

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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