

# Converting Colors

Android(4278201844)

Have a look what the booklet for  
Android(4278201844) contains.

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# Color

**Android(4278201844)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	002DF4
RGB	0, 45, 244
RGB Percent	0%, 18%, 96%
CMY	1.0000, 0.8235, 0.0431
CMYK	1.00, 0.82, 0.00, 0.04
HSL	229°, 100%, 48%
HSV	229°, 100%, 96%
XYZ	17.2675, 8.4084, 86.3008
YIQ	54.2310, -90.6990, 52.3490

# Conversions

## Conversions Part 2

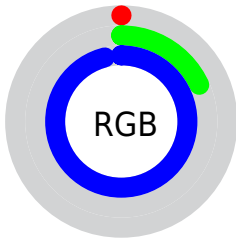
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 38, 244
Decimal	11764
CIELab	34.82, 64.13, -97.47
CIELCh	35, 116.677, 303.344
Yxy	8.4084, 0.1542, 0.0751
Android (android.graphics.Color)	4278201844 (0xFF002DF4)
YUV	54.2310, 93.5561, -47.5606
Hunter-Lab	28.9973, 55.5493, -156.1590

# Details

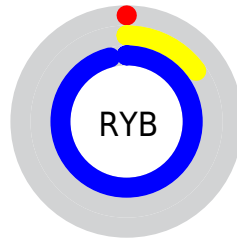
The Android color `4278201844` is a dark color, and the websafe version is hex `0033FF`. The color can be described as dark saturated blue. A complement of this color would be `4294231808`, and the grayscale version is `4281677109`.

A 20% lighter version of the original color is `4285816831`, and `4278190266` is the 20% darker color. If you saturate the color by 10%, you get `4278201844`, and if you desaturate by 10%, it is `4279779828`.

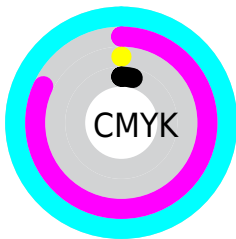
# Distribution



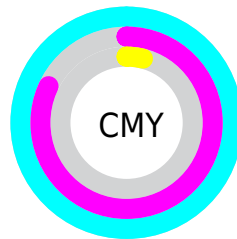
- Red (0%)
- Green (18%)
- Blue (96%)



- Red (0%)
- Yellow (15%)
- Blue (96%)



- Cyan (100%)
- Magenta (82%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (82%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278201844 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 4278201844 by changing the saturation by 10% instead.



 4278201844

 4278201844

4294967295

 4278195159

 4285816831

 4278190266

 4288117247

 4278190238

 4290286847

 4278190211

 4292456447

 4278194536

 4294560767

 4278192719

 4294961407

 4278191415

 4278190625

 4278190086

 4278201844

 4279779828

 4281423348

 4283001332

 4284644852

 4286222836

 4287800564

 4289444084

 4291022068

 4292665588

# Harmonies

## Analogous

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



4278215423



4278201844



4290642088

# Triad

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



4278201844



4288813568



4278218331

# Complementary

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



4278201844



4294231808

# 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.



4278217472



4278201844



4284240640

# Square

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



4278201844



4292018176



4278215936



4278219193

# Rectangle

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



4278201844



4292673643



4278215936



4278218042



# Sweetspot

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



4278201844



4289970687



4278252739



4283587200



4278190080



4286611584



# Same Dimension

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



4278201844



4278202367



4282974452



4285427834



4278198970



4278192955



# Inverse Universe

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



4294180909



4294901807



4289459200



4286213744



4290379810



4282056715



# Previews

## White Background



This preview shows how the Android color 4278201844 looks on a white background.

## Color Contrast Check

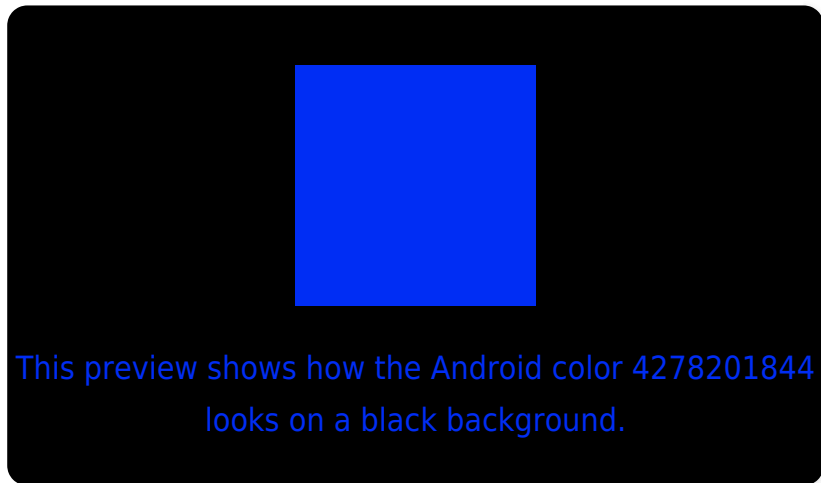
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278201844 Background



This preview shows how black text looks on a background with the Android color 4278201844.



This preview shows how white text looks on a background with the Android color 4278201844.

# 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**  
4278201844

**Protanopia**  
4278210469

**Deuteranopia**  
4278211724



# Trichromacy



**Original Color**  
4278201844

**Protanomaly**  
4278207426

**Deuteranomaly**  
4278208178

**Tritanomaly**  
4278209173

# Monochromacy



**Original Color**  
4278201844

**Achromatopsia**  
4281742902

**Achromatomaly**  
4280431483

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278201844 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, 45, 244)` looks like.

```
.text, #text, p{  
    color:rgb(0, 45, 244)  
}
```

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, 45, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 45, 244) }
```

## Border

The CSS property to change the border of an element to Android 4278201844 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, 45, 244) }
```

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

```
.border{ border-color:rgb(0, 45, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 45, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 45, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 45, 244);  
box-shadow:4px 4px 4px 4px rgb(0, 45, 244)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278201844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 45, 244) }
```

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

```
.background{ background-color: rgb(0, 45,  
244) }
```

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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