

# Converting Colors

Android(4278193396)

Have a look what the booklet for  
Android(4278193396) contains.

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# Color

**Android(4278193396)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	000CF4
RGB	0, 12, 244
RGB Percent	0%, 5%, 96%
CMY	1.0000, 0.9529, 0.0431
CMYK	1.00, 0.95, 0.00, 0.04
HSL	237°, 100%, 48%
HSV	237°, 100%, 96%
XYZ	16.4606, 6.7946, 86.0319
YIQ	34.8600, -81.6240, 69.6080

# Conversions

## Conversions Part 2

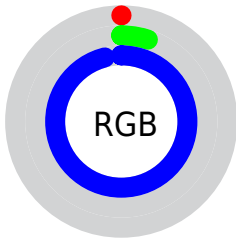
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 11, 244
Decimal	3316
CIELab	31.33, 74.67, -103.29
CIELCh	31, 127.452, 305.866
Yxy	6.7946, 0.1506, 0.0622
Android (android.graphics.Color)	4278193396 (0xFF000CF4)
YUV	34.8600, 103.1060, -30.5722
Hunter-Lab	26.0664, 67.1040, -177.4391

# Details

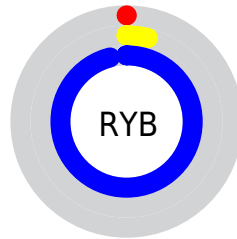
The Android color `4278193396` is a dark color, and the websafe version is hex `3300FF`. The color can be described as dark saturated blue. A complement of this color would be `4294240256`, and the grayscale version is `4280427042`.

A 20% lighter version of the original color is `4285942527`, and `4278190266` is the 20% darker color. If you saturate the color by 10%, you get `4278193396`, and if you desaturate by 10%, it is `4279772148`.

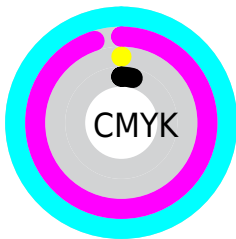
# Distribution



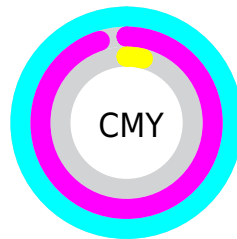
- Red (0%)
- Green (5%)
- Blue (96%)



- Red (0%)
- Yellow (4%)
- Blue (96%)



- Cyan (100%)
- Magenta (95%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (95%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278193396 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 4278193396 by changing the saturation by 10% instead.





4278193396



4278193396

4294967295



4278190295



4285942527



4278190266



4288243199



4278190238



4290478335



4278190210



4292648191



4278194536



4294818047



4278192719



4294956287



4278191415



4294963967



4278190625



4278190085

 4278193396

 4279772148

 4281416436

 4282995444

 4284639732

 4286218484

 4287797236

 4289441524

 4291020532

 4292664820

# Harmonies

## Analogous

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



4278213375



4278193396



4290969758

# Triad

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



4278193396



4288089088



4278216028

# Complementary

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



4278193396



4294240256

# 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.



4278215168



4278193396



4282994176

# Square

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



4278193396



4291624960



4278214144



4278217153

# Rectangle

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



4278193396



4292804701



4278214144



4278215737



# Sweetspot

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



4278193396



4289967871



4278252776



4283585664



4278190080



4286611584



# Same Dimension

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



4278193396



4278193663



4285399284



4285427578



4278192570



4278190907



# Inverse Universe

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



4294180876



4294901773



4287034368



4286213743



4290379785

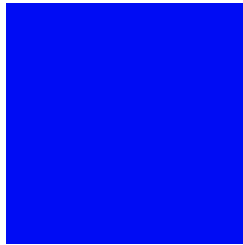


4282056707



# Previews

## White Background



This preview shows how the Android color 4278193396 looks on a white background.

## Color Contrast Check

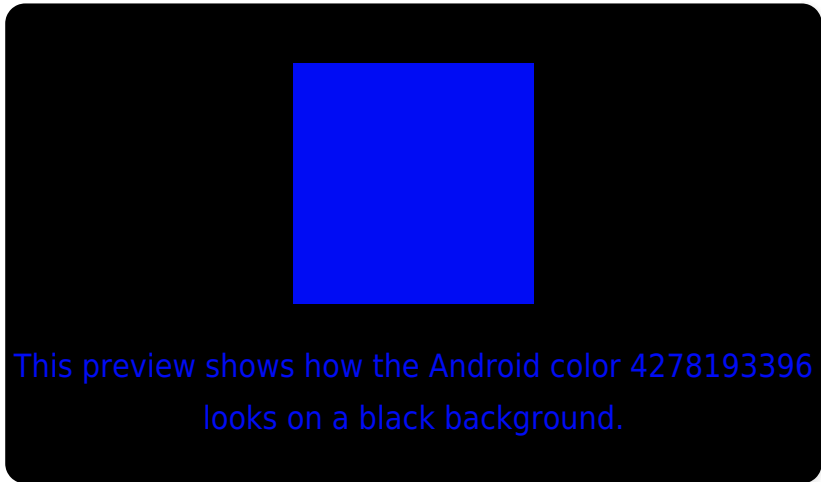
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278193396 Background



This preview shows how black text looks on a background with the Android color 4278193396.



This preview shows how white text looks on a background with the Android color 4278193396.

# 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**  
4278193396

**Protanopia**  
4278208662

**Deuteranopia**  
4278209919



# Trichromacy



**Original Color**

4278193396

**Protanomaly**

4278203064

**Deuteranomaly**

4278203818

**Tritanomaly**

4278204815

# Monochromacy



**Original Color**

4278193396

**Achromatopsia**

4280492835

**Achromatomaly**

4279638895

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278193396 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, 12, 244)` looks like.

```
.text, #text, p{  
    color:rgb(0, 12, 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, 12, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 12, 244) }
```

## Border

The CSS property to change the border of an element to Android 4278193396 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, 12, 244) }
```

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

```
.border{ border-color:rgb(0, 12, 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, 12, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 12, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 12, 244);  
box-shadow:4px 4px 4px 4px rgb(0, 12, 244)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278193396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 12, 244) }
```

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

```
.background{ background-color: rgb(0, 12,  
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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