

# Converting Colors

Hex(278FFF)

Have a look what the booklet for  
Hex(278FFF) contains.

<b>Hex(278FFF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(278FFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	278FFF
RGB	39, 143, 255
RGB Percent	15%, 56%, 100%
CMY	0.8471, 0.4392, 0.0000
CMYK	0.85, 0.44, 0.00, 0.00
HSL	211°, 100%, 58%
HSV	211°, 85%, 100%
XYZ	28.7092, 27.2963, 98.3633
YIQ	124.6720, -97.9360, 12.7840

# Conversions

## Conversions Part 2

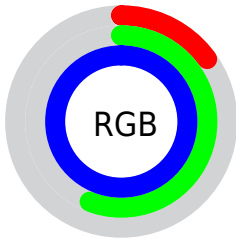
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 109, 255
Decimal	2592767
CIE <sub>Lab</sub>	59.25, 11.14, -63.60
CIE <sub>LCh</sub>	59, 64.570, 279.930
Yxy	27.2963, 0.1860, 0.1768
Android (android.graphics.Color)	4280782847 (0xFF278FFF)
YUV	124.6720, 64.2517, -75.1343
Hunter-Lab	52.2458, 6.6559, -75.0533

# Details

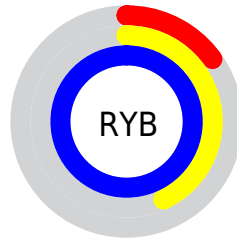
The Hex color **278FFF** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **FF9727**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7AC4FF**, and **005EC5** is the 20% darker color. If you saturate the color by 10%, you get **0E82FF**, and if you desaturate by 10%, it is **419CFF**.

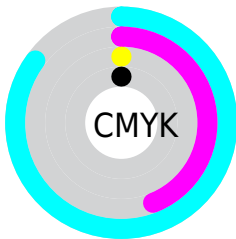
# Distribution



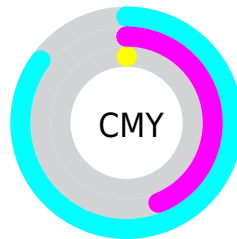
- Red (15%)
- Green (56%)
- Blue (100%)



- Red (15%)
- Yellow (43%)
- Blue (100%)



- Cyan (85%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (44%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 278FFF 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 Hex color 278FFF by changing the saturation by 10% instead.



 278FFF

 278FFF

FFFFFF

 0076E2

 7AC4FF

 005EC5

 9BE0FF

 0047AA

 BBFCFF

 00328F

 DAFFFF

 001F74

 FAFFFF

 00075B

 000742

 00032B

 000116

■ 278FFF

■ 278FFF

■ 0E82FF

■ 419CFF

■ 007BFF

■ 5AA9FF

■ 74B7FF

■ 8DC4FF

■ A7D1FF

■ C0DEFF

■ DAECFF

■ F3F9FF

FFFFFF

# Harmonies

## Analogous

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



009FF9



278FFF



A977E6

# Triad

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



278FFF



EA6548



00A765

# Complementary

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



278FFF



FF9727

# 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.



5A9F2F



278FFF



C97E18

# Square

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



278FFF



F4557E



999200



00A9A1

# Rectangle

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



278FFF



D265C8



999200



00A552

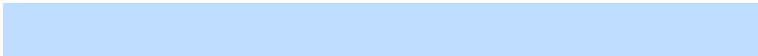


# Sweetspot

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



278FFF



BFDEFF



27FF97



596C80



000000



808080



# Same Dimension

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



278FFF



007BFF



2B27FF



737980



005CBF



001F40



# Inverse Universe

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



FF278F



FF007B



FBFF27



807379



BF005C



40001F



# Previews

## White Background



This preview shows how the Hex color 278FFF looks on a white background.

## Color Contrast Check

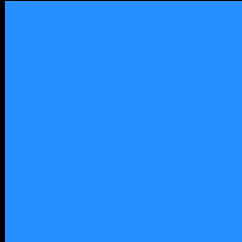
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 278FFF looks on a black 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 × Fail

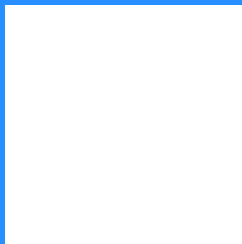
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 278FFF Background



This preview shows how black text looks on a background with the Hex color 278FFF.



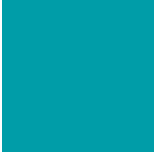
This preview shows how white text looks on a background with the Hex color 278FFF.

# 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](#).

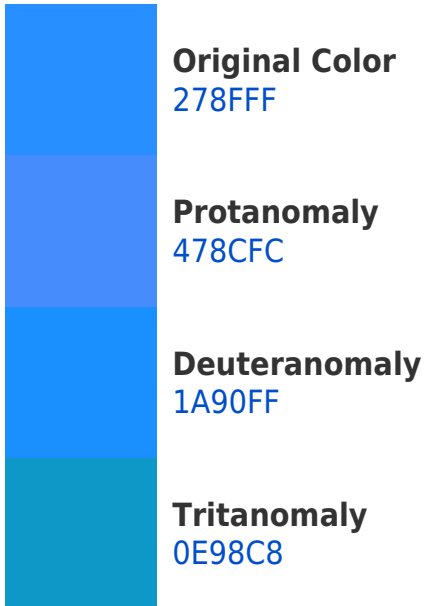
## Dichromacy



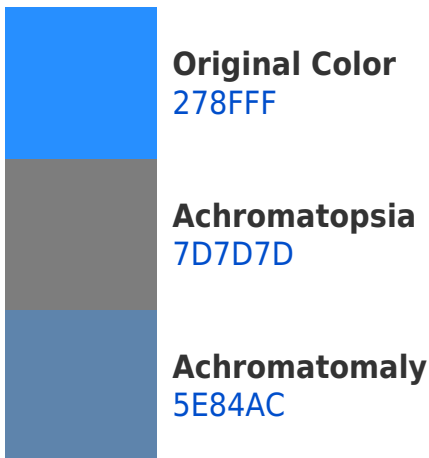


**Tritanopia**  
009DA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 278FFF 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 #278FFF looks like.

```
.text, #text, p{  
  color:#278FFF  
}
```

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 #278FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #278FFF  
}
```

## Border

The CSS property to change the border of an element to Hex 278FFF 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  
#278FFF }
```

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

```
.border{ border-color:#278FFF }
```

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

Here you see how a box with a 4 pixel #278FFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #278FFF; -webkit-box-shadow:4px 4px  
4px 4px #278FFF; box-shadow:4px 4px 4px  
4px #278FFF }
```

# Background

The CSS property to change the background color of an element to Hex 278FFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#278FFF }
```

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

```
.background{ background-color:#278FFF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor