

# Converting Colors

Hex(2F8FEC)

Have a look what the booklet for  
Hex(2F8FEC) contains.

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# Color

Hex(2F8FEC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2F8FEC
RGB	47, 143, 236
RGB Percent	18%, 56%, 93%
CMY	0.8157, 0.4392, 0.0745
CMYK	0.80, 0.39, 0.00, 0.07
HSL	210°, 83%, 55%
HSV	210°, 80%, 93%
XYZ	26.1351, 26.3054, 83.0569
YIQ	124.8980, -87.0690, 8.5710

# Conversions

## Conversions Part 2

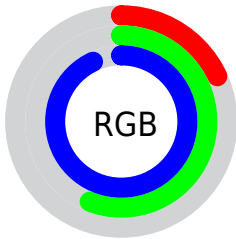
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	47, 111, 236
Decimal	3117036
CIE <sub>Lab</sub>	58.33, 4.77, -54.59
CIE <sub>LCh</sub>	58, 54.800, 274.990
Yxy	26.3054, 0.1929, 0.1941
Android (android.graphics.Color)	4281307116 (0xFF2F8FEC)
YUV	124.8980, 54.7733, -68.3165
Hunter-Lab	51.2888, 1.2024, -60.1119

# Details

The Hex color **2F8FEC** 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 **EC8C2F**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7AC4FF**, and **005DB4** is the 20% darker color. If you saturate the color by 10%, you get **1783EC**, and if you desaturate by 10%, it is **479BEC**.

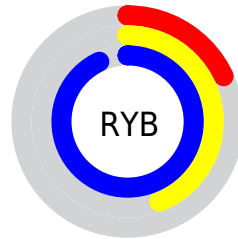
# Distribution



Red (18%)

Green (56%)

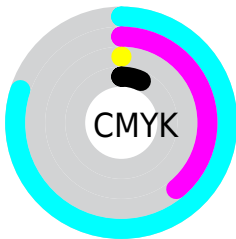
Blue (93%)



Red (18%)

Yellow (44%)

Blue (93%)

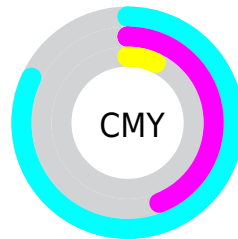


Cyan (80%)

Magenta (39%)

Yellow (0%)

Black (7%)



Cyan (82%)

Magenta (44%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F8FEC 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 2F8FEC by changing the saturation by 10% instead.



■ 2F8FEC

FFFFFF

■ 7AC4FF

■ 99E0FF

■ B8FDFF

■ D7FFFF

■ F6FFFF

■ 2F8FEC

■ 0076CF

■ 005DB4

■ 004698

■ 00317E

■ 001E64

■ 00094C

■ 000434

■ 00021E

■ 000000

■ 2F8FEC

■ 2F8FEC

■ 1783EC

■ 479BEC

■ 0078EC

■ 5EA6EC

■ 76B2EC

■ 8DBDEC

■ A5C9EC

■ BDD5EC

■ D4E0EC

■ ECECEC

■ FFF8EC

# Harmonies

## Analogous

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



009CE3



2F8FEC



997CDB

# Triad

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



2F8FEC



DF6858



12A062

# Complementary

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



2F8FEC



EC8C2F

# 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.



6C9938



2F8FEC



C67B33

# Square

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



2F8FEC



E35F86



9E8C23



00A393

# Rectangle

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



2F8FEC



BF6EC4



9E8C23



3F9F52

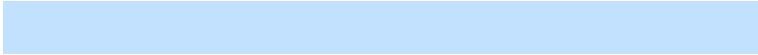


# Sweetspot

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



2F8FEC



C2E1FF



2FEC8A



5B6D80



000000



808080



# Same Dimension

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



2F8FEC



0A87FF



2F32EC



6A7075



005CB5



001B36



# Inverse Universe

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



EC2F8F



FF0A87



ECE92F



756A70



B5005C

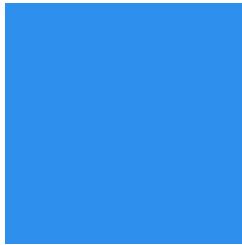


36001B



# Previews

## White Background



This preview shows how the Hex color 2F8FEC looks on a white background.

## Color Contrast Check

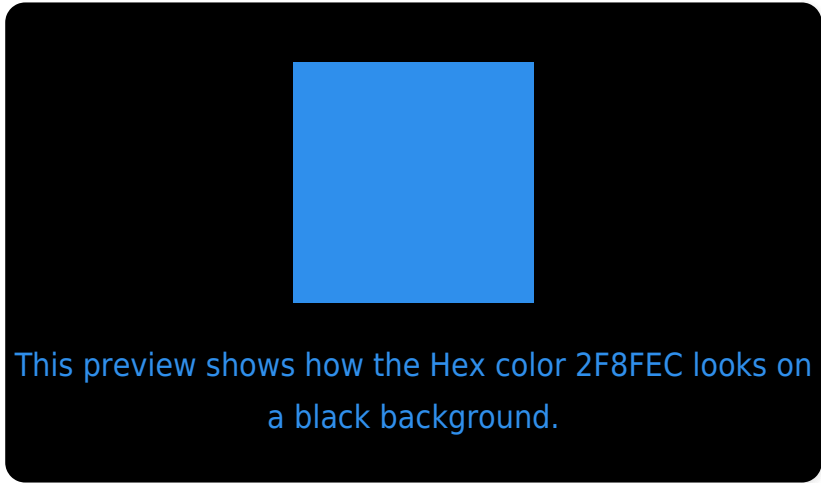
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

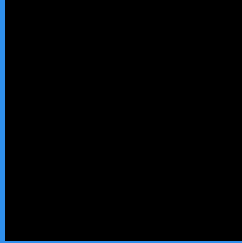
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

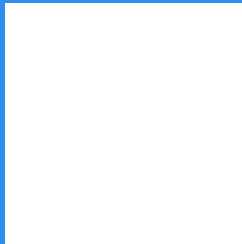
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2F8FEC Background



This preview shows how black text looks on a background with the Hex color 2F8FEC.

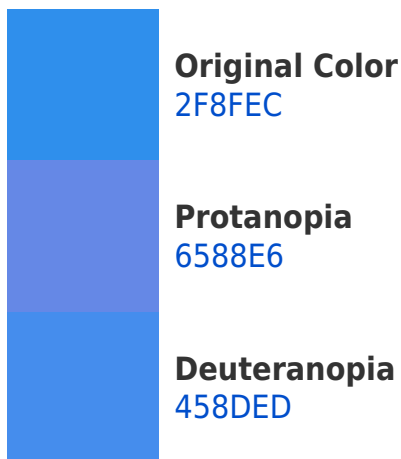


This preview shows how white text looks on a background with the Hex color 2F8FEC.

# 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](#).

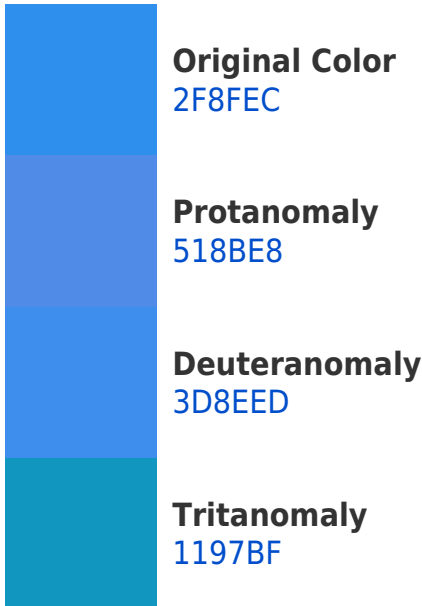
## Dichromacy



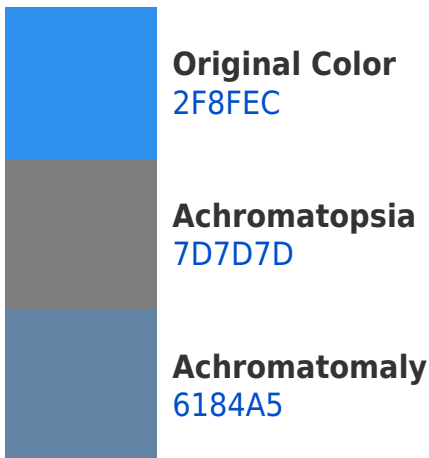


**Tritanopia**  
009BA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F8FEC 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 #2F8FEC looks like.

```
.text, #text, p{  
    color:#2F8FEC  
}
```

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 #2F8FEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F8FEC
}
```

## Border

The CSS property to change the border of an element to Hex 2F8FEC 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
#2F8FEC }
```

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

```
.border{ border-color:#2F8FEC }
```

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

Here you see how a box with a 4 pixel #2F8FEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F8FEC; -webkit-box-shadow:4px 4px  
4px 4px #2F8FEC; box-shadow:4px 4px 4px  
4px #2F8FEC }
```

# Background

The CSS property to change the background color of an element to Hex 2F8FEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F8FEC }
```

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

```
.background{ background-color:#2F8FEC }
```

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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