

# Converting Colors

Hex(999EF4)

Have a look what the booklet for  
Hex(999EF4) contains.

<b>Hex(999EF4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(999EF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	999EF4
RGB	153, 158, 244
RGB Percent	60%, 62%, 96%
CMY	0.4000, 0.3804, 0.0431
CMYK	0.37, 0.35, 0.00, 0.04
HSL	237°, 81%, 78%
HSV	237°, 37%, 96%
XYZ	41.6929, 37.7577, 90.6785
YIQ	166.3090, -30.5860, 25.6860

# Conversions

## Conversions Part 2

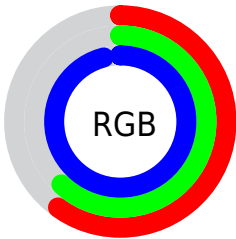
Format	Color
R <sub>Y</sub> B	153, 158, 244
Decimal	10067700
CIE Lab	67.84, 18.52, -43.61
CIE LCh	68, 47.383, 293.009
Yxy	37.7577, 0.2451, 0.2219
Android (android.graphics.Color)	4288257780 (0xFF999EF4)
YUV	166.3090, 38.3017, -11.6720
Hunter-Lab	61.4473, 13.5821, -44.4818

# Details

The Hex color **999EF4** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F4EF99**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **D2D5FF**, and **626BBB** is the 20% darker color. If you saturate the color by 10%, you get **8187F4**, and if you desaturate by 10%, it is **B1B5F4**.

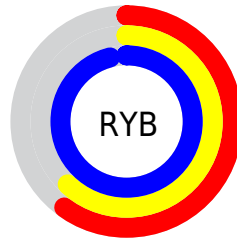
# Distribution



Red (60%)

Green (62%)

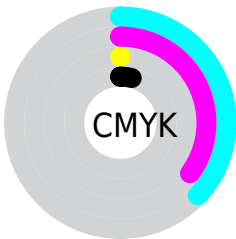
Blue (96%)



Red (60%)

Yellow (62%)

Blue (96%)

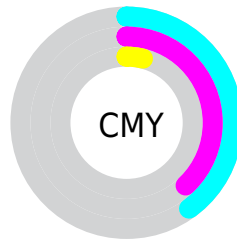


Cyan (37%)

Magenta (35%)

Yellow (0%)

Black (4%)



Cyan (40%)

Magenta (38%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 999EF4 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 999EF4 by changing the saturation by 10% instead.



■ 999EF4

■ 999EF4

FFFFFF

■ 7D84D7

■ D2D5FF

■ 626BBB

■ EFF1FF

■ 4653A0

■ 293C85

■ 00276C

■ 001353


■ 00003B

■ 000225

■ 00010D

 999EF4

 999EF4

 8187F4

 B1B5F4

 6870F4

 CACCF4

 5059F4

 E2E3F4

 3742F4

 FBFAF4

 1F2BF4

 FFFFF4

 0714F4

 000DF4

# Harmonies

## Analogous

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



40ADFA



999EF4



D18ED9

# Triad

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



999EF4



E79062



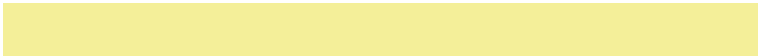
0CBB99

# Complementary

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



999EF4



F4EF99

# 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.



6BB670



999EF4



C89F4F

# Square

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



999EF4



F68486



9EAD54



00BBC5

# Rectangle

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



999EF4



E885BF



9EAD54



3DBA8B



# Sweetspot

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



999EF4



E3E4FF



99F4EE



6F7080



000000



808080



# Same Dimension

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



999EF4



8C93FF



C099F4



6E6F7A



000ABA



00033B



# Inverse Universe

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



F4999E



FF8C93



CDF499



7A6E6F



BA000A

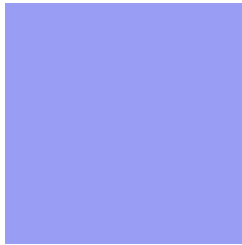


3B0003



# Previews

## White Background



This preview shows how the Hex color 999EF4 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

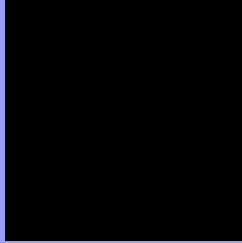
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 999EF4 Background



This preview shows how black text looks on a background with the Hex color 999EF4.



This preview shows how white text looks on a background with the Hex color 999EF4.

# 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](#).

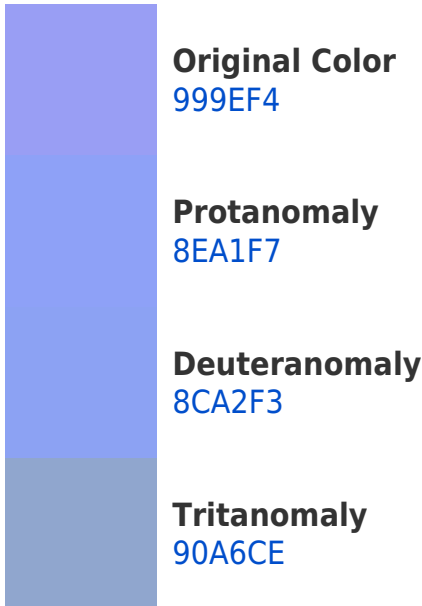
## Dichromacy



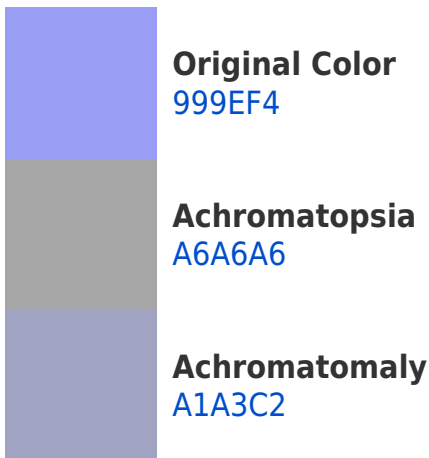


**Tritanopia**  
8BAAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 999EF4 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 #999EF4 looks like.

```
.text, #text, p{  
    color:#999EF4  
}
```

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 #999EF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999EF4
}
```

## Border

The CSS property to change the border of an element to Hex 999EF4 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
#999EF4 }
```

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

```
.border{ border-color:#999EF4 }
```

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

Here you see how a box with a 4 pixel #999EF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999EF4; -webkit-box-shadow:4px 4px  
4px 4px #999EF4; box-shadow:4px 4px 4px  
4px #999EF4 }
```

# Background

The CSS property to change the background color of an element to Hex 999EF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999EF4 }
```

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

```
.background{ background-color:#999EF4 }
```

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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