

Converting Colors

Hex(7988EF)

Have a look what the booklet for
Hex(7988EF) contains.

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Color

Hex(7988EF)

Conversions

Conversions Part 1

Format	Color
Hex	7988EF
RGB	121, 136, 239
RGB Percent	47%, 53%, 94%
CMY	0.5255, 0.4667, 0.0627
CMYK	0.49, 0.43, 0.00, 0.06
HSL	232°, 79%, 71%
HSV	232°, 49%, 94%
XYZ	32.2693, 27.9053, 85.3468
YIQ	143.2570, -42.0030, 28.8530

Conversions

Conversions Part 2

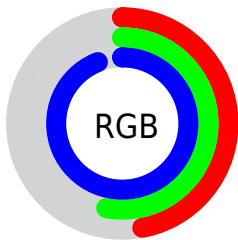
Format	Color
R _Y B	121, 134, 239
Decimal	7964911
CIE Lab	59.80, 22.07, -53.71
CIE LCh	60, 58.068, 292.339
Yxy	27.9053, 0.2217, 0.1918
Android (android.graphics.Color)	4286154991 (0xFF7988EF)
YUV	143.2570, 47.2013, -19.5194
Hunter-Lab	52.8254, 16.5952, -58.8134

Details

The Hex color **7988EF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **EFE079**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B3BDFF**, and **3D57B6** is the 20% darker color. If you saturate the color by 10%, you get **6173EF**, and if you desaturate by 10%, it is **919DEF**.

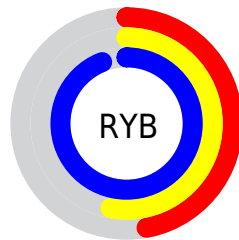
Distribution



Red (47%)

Green (53%)

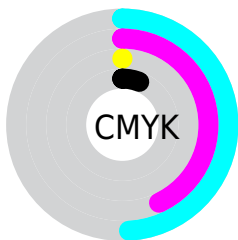
Blue (94%)



Red (47%)

Yellow (53%)

Blue (94%)

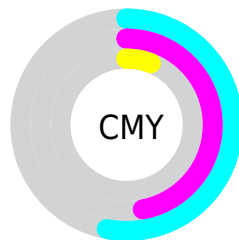


Cyan (49%)

Magenta (43%)

Yellow (0%)

Black (6%)



Cyan (53%)

Magenta (47%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7988EF 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 7988EF by changing the saturation by 10% instead.

■ 7988EF

■ 7988EF

FFFFFF

■ 5C6FD2

■ B3BDFF

■ 3D57B6

■ D0D9FF

■ 15409B

■ EEF5FF

■ 002A80

■ 001767

■ 00004E


■ 000536

■ 000220

■ 000004

 7988EF


 7988EF

 6173EF

 919DEF

 495EEF

 A9B2EF

 3149EF

 C1C7EF

 1935EF

 D9DBEF

 0220EF

 F0F0EF

 001EEF

 FFFFEF

Harmonies

Analogous

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



009AF5



7988EF



C172CF

Triad

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



7988EF



DA7540



00A881

Complementary

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



7988EF



EFE079

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.



44A34E



7988EF



B68921

Square

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



7988EF



EC636C



869927



00A8B5

Rectangle

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



7988EF



DD65B0



869927



00A76F

Sweetspot

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



7988EF



D9DEFF



79EFDf



696B80



000000



808080

Same Dimension

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



7988EF



697CFF



A479EF



6C6D78



0017B8



000738

Inverse Universe

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



EF7988



FF697C



C4EF79



786C6D



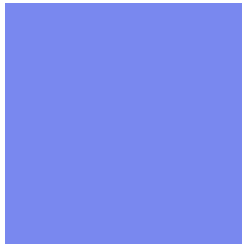
B80017



380007

Previews

White Background



This preview shows how the Hex color 7988EF looks on a white background.

Color Contrast Check

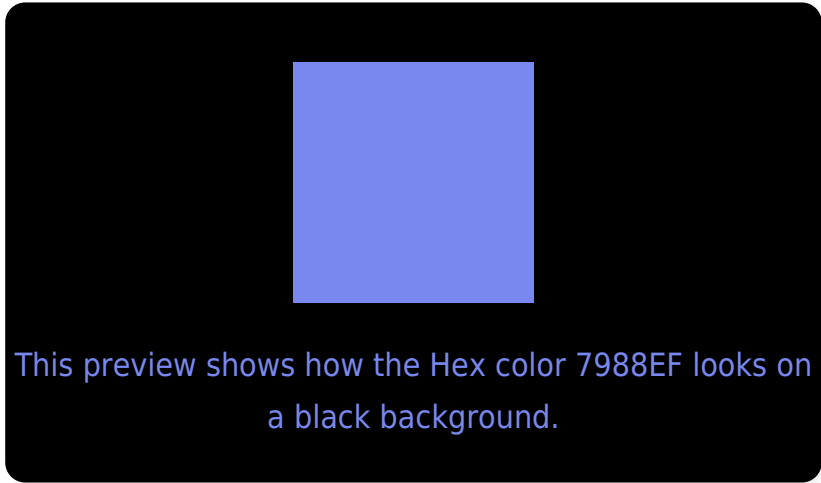
Large Text (above 18pt) WCAG AA ✓ Pass

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

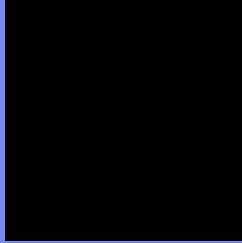
Any Text WCAG AA ✓ Pass

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 7988EF Background



This preview shows how black text looks on a background with the Hex color 7988EF.



This preview shows how white text looks on a background with the Hex color 7988EF.

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](#).

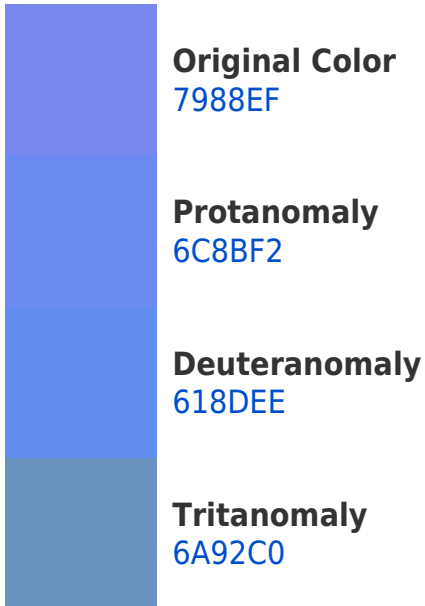
Dichromacy



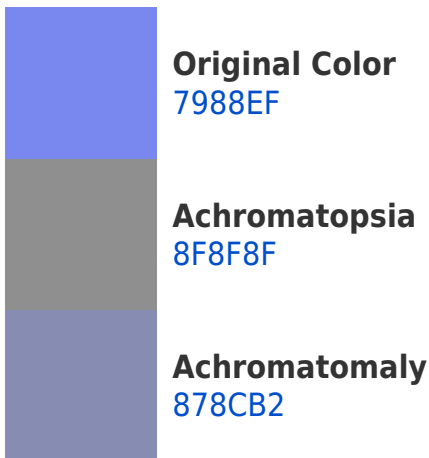


Tritanopia
6298A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7988EF 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 #7988EF looks like.

```
.text, #text, p{  
    color:#7988EF  
}
```

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 #7988EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7988EF
}
```

Border

The CSS property to change the border of an element to Hex 7988EF 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
#7988EF }
```

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

```
.border{ border-color:#7988EF }
```

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

Here you see how a box with a 4 pixel #7988EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7988EF; -webkit-box-shadow:4px 4px  
4px 4px #7988EF; box-shadow:4px 4px 4px  
4px #7988EF }
```

Background

The CSS property to change the background color of an element to Hex 7988EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7988EF }
```

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

```
.background{ background-color:#7988EF }
```

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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