

Converting Colors

Hex(7863EF)

Have a look what the booklet for
Hex(7863EF) contains.

Hex(7863EF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7863EF)

Conversions

Conversions Part 1

Format	Color
Hex	7863EF
RGB	120, 99, 239
RGB Percent	47%, 39%, 94%
CMY	0.5294, 0.6118, 0.0627
CMYK	0.50, 0.59, 0.00, 0.06
HSL	249°, 81%, 66%
HSV	249°, 59%, 94%
XYZ	27.7876, 19.1487, 83.8929
YIQ	121.2390, -32.4240, 47.9920

Conversions

Conversions Part 2

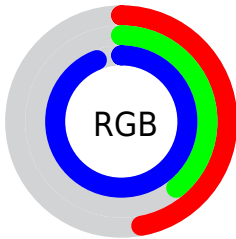
Format	Color
R _Y B	120, 99, 239
Decimal	7889903
CIE Lab	50.86, 43.66, -68.07
CIE LCh	51, 80.870, 302.672
Yxy	19.1487, 0.2124, 0.1464
Android (android.graphics.Color)	4286079983 (0xFF7863EF)
YUV	121.2390, 58.0562, -1.0866
Hunter-Lab	43.7593, 36.7705, -83.0360

Details

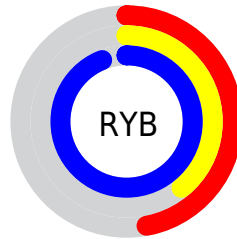
The Hex color **7863EF** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **DAEF63**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B397FF**, and **3833B6** is the 20% darker color. If you saturate the color by 10%, you get **644BEF**, and if you desaturate by 10%, it is **8C7BEF**.

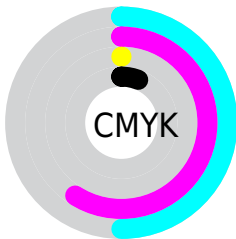
Distribution



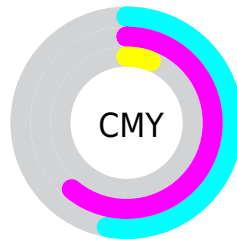
- Red (47%)
- Green (39%)
- Blue (94%)



- Red (47%)
- Yellow (39%)
- Blue (94%)



- Cyan (50%)
- Magenta (59%)
- Yellow (0%)
- Black (6%)



- Cyan (53%)
- Magenta (61%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7863EF 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 7863EF by changing the saturation by 10% instead.

 7863EF

 7863EF

FFFFFF

 5A4BD2

 B397FF

 3833B6

 D1B2FF

 021C9A

 F0CDFF

 000680


 FFEAFF

 000066

 00064D

 000535

 00021F

 000001

 7863EF

 7863EF

 644BEF

 8C7BEF

 4F33EF

 A193EF

 3B1BEF

 B5ABEF

 2703EF

 C9C3EF

 2400EF

 DEDA EF

 F2F2EF

 FFFFEF

Harmonies

Analogous

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



0081FF



7863EF



CE35BA

Triad

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



7863EF



C35C00



00967E

Complementary

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



7863EF



DAEF63

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.



009234



7863EF



8E7900

Square

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



7863EF



E62F33



458900



0096C3

Rectangle

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



7863EF



E8078D



458900



009565

Sweetspot

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



7863EF



D8D1FF



63DAEF



686380



000000



808080

Same Dimension

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



7863EF



674DFF



BE63EF



6E6C78



1C00B8



080038

Inverse Universe

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



EF63DA



FF4DE4



94EF63



786C76



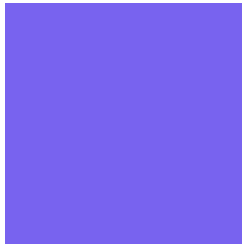
B8009C



380030

Previews

White Background



This preview shows how the Hex color 7863EF looks on a white background.

Color Contrast Check

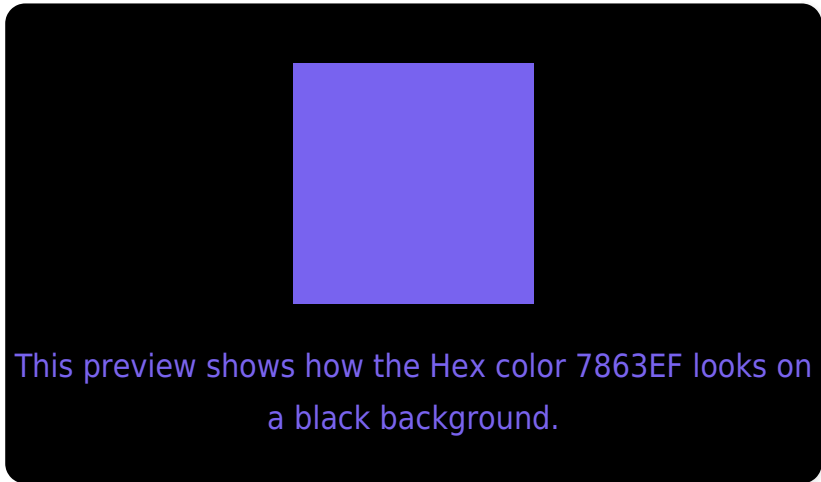
Large Text (above 18pt) WCAG AA ✓ Pass

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

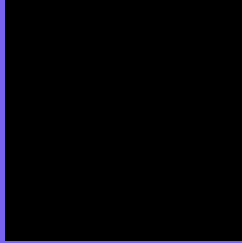
Any Text WCAG AA ✓ Pass

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 7863EF Background



This preview shows how black text looks on a background with the Hex color 7863EF.



This preview shows how white text looks on a background with the Hex color 7863EF.

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](#).

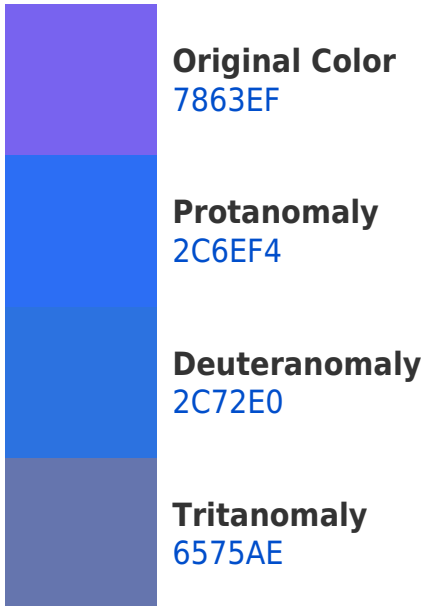
Dichromacy



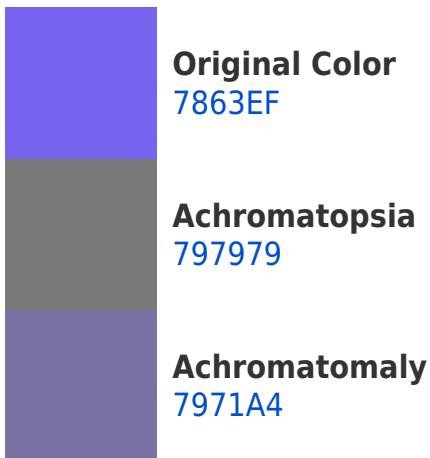


Tritanopia
5A7F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7863EF 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 #7863EF looks like.

```
.text, #text, p{  
    color:#7863EF  
}
```

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 #7863EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7863EF
}
```

Border

The CSS property to change the border of an element to Hex 7863EF is called "border". The border property can be set on classes, ids or directly on the HTML element.

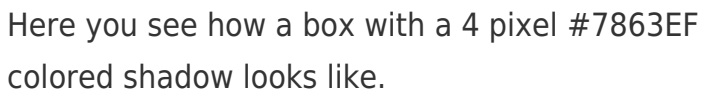
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7863EF }
```

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

```
.border{ border-color:#7863EF }
```

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



Here you see how a box with a 4 pixel #7863EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7863EF; -webkit-box-shadow:4px 4px  
4px 4px #7863EF; box-shadow:4px 4px 4px  
4px #7863EF }
```

Background

The CSS property to change the background color of an element to Hex 7863EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7863EF }
```

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

```
.background{ background-color:#7863EF }
```

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