

Converting Colors

Hex(7F60EA)

Have a look what the booklet for
Hex(7F60EA) contains.

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Color

Hex(7F60EA)

Conversions

Conversions Part 1

Format	Color
Hex	7F60EA
RGB	127, 96, 234
RGB Percent	50%, 38%, 92%
CMY	0.5020, 0.6235, 0.0824
CMYK	0.46, 0.59, 0.00, 0.08
HSL	253°, 77%, 65%
HSV	253°, 59%, 92%
XYZ	27.7866, 18.8183, 80.0097
YIQ	121.0010, -25.8220, 49.4900

Conversions

Conversions Part 2

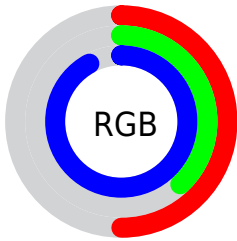
Format	Color
R_{YB}	127, 96, 234
Decimal	8347882
CIE _{Lab}	50.47, 45.32, -65.87
CIE _{LCh}	50, 79.953, 304.529
Yxy	18.8183, 0.2195, 0.1486
Android (android.graphics.Color)	4286537962 (0xFF7F60EA)
YUV	121.0010, 55.7085, 5.2611
Hunter-Lab	43.3800, 38.4209, -78.9878

Details

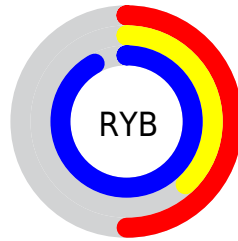
The Hex color **7F60EA** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **CBEA60**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **BA94FF**, and **4230B1** is the 20% darker color. If you saturate the color by 10%, you get **6D49EA**, and if you desaturate by 10%, it is **9177EA**.

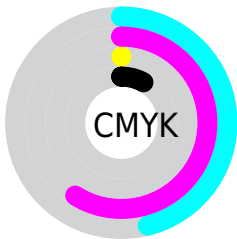
Distribution



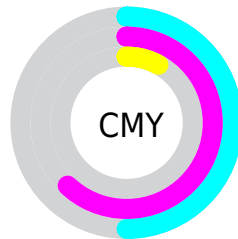
- Red (50%)
- Green (38%)
- Blue (92%)



- Red (50%)
- Yellow (38%)
- Blue (92%)



- Cyan (46%)
- Magenta (59%)
- Yellow (0%)
- Black (8%)



- Cyan (50%)
- Magenta (62%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7F60EA 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 7F60EA by changing the saturation by 10% instead.

 7F60EA

 7F60EA

FFFFFF

 6147CD

 BA94FF

 4230B1

 D7AFFF

 1D1896

 F6CAFF

 00017B

 FFE7FF

 000062

 000549

 000431


 00011B

 000000

 7F60EA

 7F60EA

 6D49EA

 9177EA

 5B31EA

 A38FEA

 491AEA

 B5A6EA

 3602EA

 C8BEEA

 3500EA

 DAD5EA

 ECECEA

 FEFEEA

 FFFFEA

Harmonies

Analogous

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



007EFF



7F60EA



CF32B4

Triad

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



7F60EA



BF5D00



009481

Complementary

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



7F60EA



CBEA60

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.



009138



7F60EA



897900

Square

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



7F60EA



E3322F



3E8900



0094C4

Rectangle

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



7F60EA



E70688



3E8900



009469

Sweetspot

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



7F60EA



DBD1FF



60CCEA



6A6380



000000



808080

Same Dimension

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



7F60EA



734AFF



C360EA



6C6A75



2900B5



0C0036

Inverse Universe

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



EA60CB



FF4AD6



87EA60



756A73



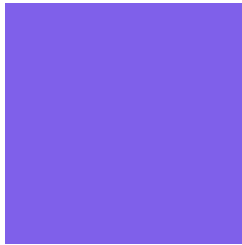
B5008C



36002A

Previews

White Background



This preview shows how the Hex color 7F60EA 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

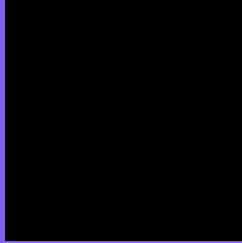
Any Text WCAG AA ✓ Pass

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 7F60EA Background



This preview shows how black text looks on a background with the Hex color 7F60EA.

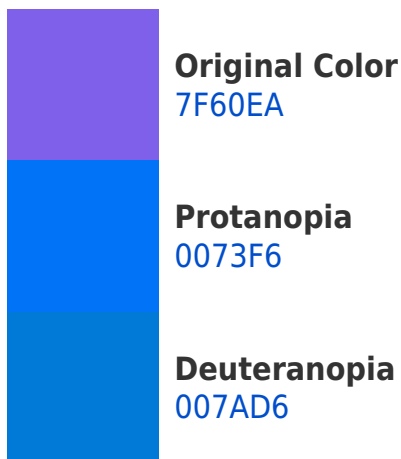


This preview shows how white text looks on a background with the Hex color 7F60EA.

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](#).

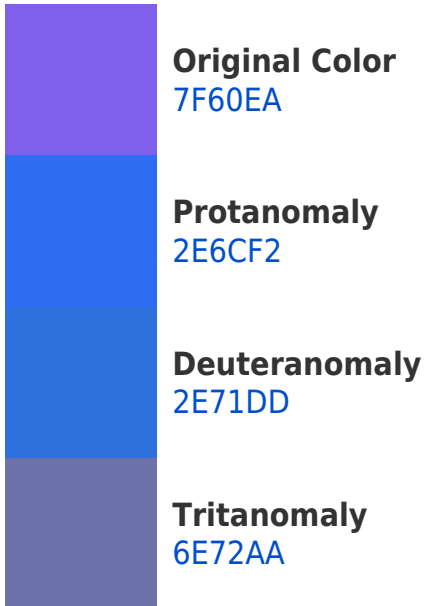
Dichromacy





Tritanopia
647C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F60EA 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 #7F60EA looks like.

```
.text, #text, p{  
    color:#7F60EA  
}
```

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 #7F60EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F60EA
}
```

Border

The CSS property to change the border of an element to Hex 7F60EA 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
#7F60EA }
```

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

```
.border{ border-color:#7F60EA }
```

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

Here you see how a box with a 4 pixel #7F60EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F60EA; -webkit-box-shadow:4px 4px  
4px 4px #7F60EA; box-shadow:4px 4px 4px  
4px #7F60EA }
```

Background

The CSS property to change the background color of an element to Hex 7F60EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F60EA }
```

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

```
.background{ background-color:#7F60EA }
```

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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