

Converting Colors

Hex(7F46C8)

Have a look what the booklet for
Hex(7F46C8) contains.

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Color

Hex(7F46C8)

Conversions

Conversions Part 1

Format	Color
Hex	7F46C8
RGB	127, 70, 200
RGB Percent	50%, 27%, 78%
CMY	0.5020, 0.7255, 0.2157
CMYK	0.36, 0.65, 0.00, 0.22
HSL	266°, 54%, 53%
HSV	266°, 65%, 78%
XYZ	21.3679, 13.0625, 56.0387
YIQ	101.8630, -7.7580, 52.5140

Conversions

Conversions Part 2

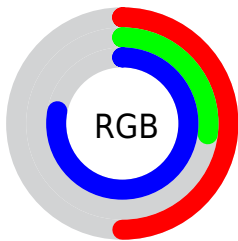
Format	Color
RYB	127, 70, 200
Decimal	8341192
CIELab	42.86, 50.33, -58.80
CIELCh	43, 77.399, 310.563
Yxy	13.0625, 0.2362, 0.1444
Android (android.graphics.Color)	4286531272 (0xFF7F46C8)
YUV	101.8630, 48.3815, 22.0451
Hunter-Lab	36.1420, 42.2841, -66.6304

Details

The Hex color **7F46C8** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **8FC846**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **B87AFF**, and **461191** is the 20% darker color. If you saturate the color by 10%, you get **7432C8**, and if you desaturate by 10%, it is **8A5AC8**.

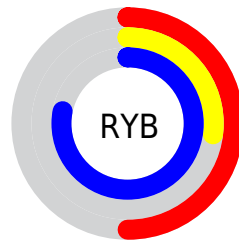
Distribution



Red (50%)

Green (27%)

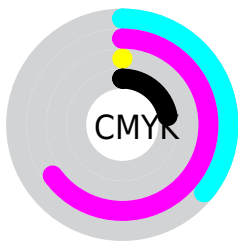
Blue (78%)



Red (50%)

Yellow (27%)

Blue (78%)

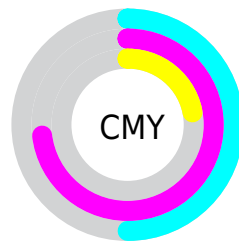


Cyan (36%)

Magenta (65%)

Yellow (0%)

Black (22%)



Cyan (50%)

Magenta (73%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F46C8 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 7F46C8 by changing the saturation by 10% instead.

7F46C8

7F46C8

FFFFFF

632DAC

B87AFF

461191

D594FF

280077

F3B0FF

00005D

FFCCFF

000045

FFE8FF

00032D

000118

000000

7F46C8

7F46C8

 7432C8

 8A5AC8

 691EC8

 956EC8

 5D0AC8

 A182C8

 5800C8

 AC96C8

 B7AAC8

 C2BEC8

 CED2C8

 D9E6C8

 E4FAC8

Harmonies

Analogous

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



0067E5



7F46C8



BF0091

Triad

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



7F46C8



9D5200



007F7B

Complementary

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



7F46C8



8FC846

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.



007D37



7F46C8



686A00

Square

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



7F46C8



C22811



047700



007EB8

Rectangle

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



7F46C8



CF0067



047700



007F65

Sweetspot

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



7F46C8



E2CCFF



4690C8



6E6180



000000



808080

Same Dimension

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



7F46C8



8F38FF



BF46C8



5E5A63



4800A3



100024

Inverse Universe

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



C8468F



FF38A8



4FC846



635A5F



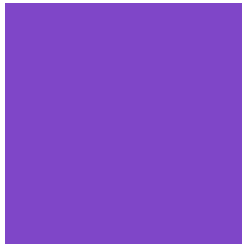
A3005C



240014

Previews

White Background



This preview shows how the Hex color 7F46C8 looks on a white background.

Color Contrast Check

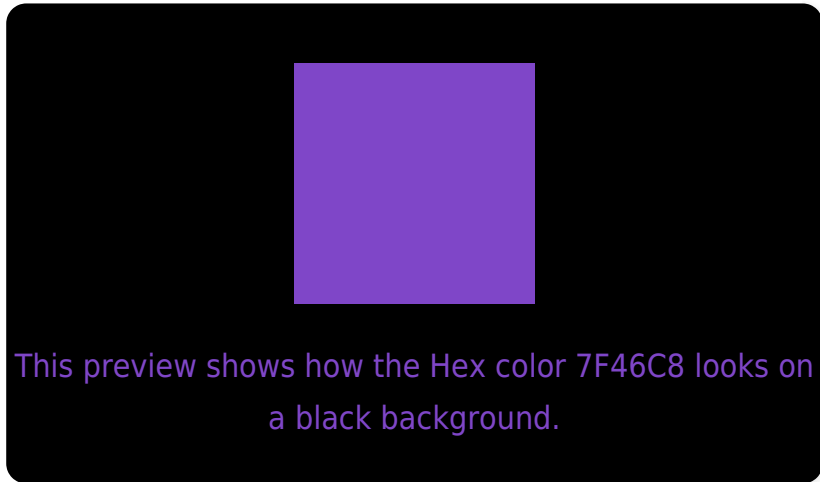
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

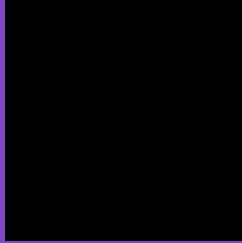
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 7F46C8 Background



This preview shows how black text looks on a background with the Hex color 7F46C8.

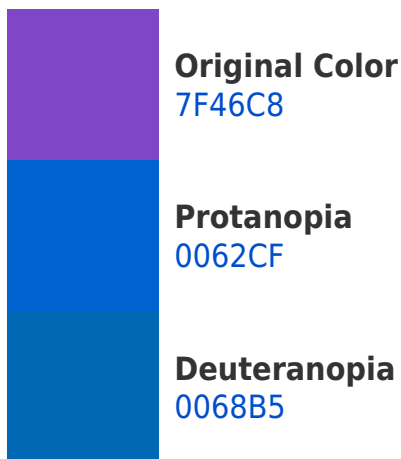


This preview shows how white text looks on a background with the Hex color 7F46C8.

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
6C626A

Trichromacy



Original Color

7F46C8



Protanomaly

2E58CC



Deuteranomaly

2E5CBC



Tritanomaly

73588C

Monochromacy



Original Color

7F46C8



Achromatopsia

666666



Achromatomaly

6F5A8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F46C8 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 #7F46C8 looks like.

```
.text, #text, p{  
    color:#7F46C8  
}
```

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 #7F46C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F46C8
}
```

Border

The CSS property to change the border of an element to Hex 7F46C8 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
#7F46C8 }
```

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

```
.border{ border-color:#7F46C8 }
```

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

Here you see how a box with a 4 pixel #7F46C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F46C8; -webkit-box-shadow:4px 4px  
4px 4px #7F46C8; box-shadow:4px 4px 4px  
4px #7F46C8 }
```

Background

The CSS property to change the background color of an element to Hex 7F46C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F46C8 }
```

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

```
.background{ background-color:#7F46C8 }
```

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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