

Converting Colors

Hex(7F46C6)

Have a look what the booklet for
Hex(7F46C6) contains.

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Color

Hex(7F46C6)

Conversions

Conversions Part 1

Format	Color
Hex	7F46C6
RGB	127, 70, 198
RGB Percent	50%, 27%, 78%
CMY	0.5020, 0.7255, 0.2235
CMYK	0.36, 0.65, 0.00, 0.22
HSL	267°, 53%, 53%
HSV	267°, 65%, 78%
XYZ	21.1356, 12.9696, 54.8155
YIQ	101.6350, -7.1160, 51.8920

Conversions

Conversions Part 2

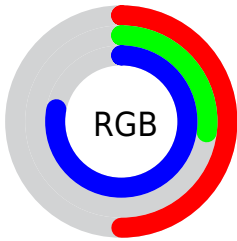
Format	Color
R_{YB}	127, 70, 198
Decimal	8341190
CIE _{Lab}	42.72, 49.83, -57.87
CIE _{LCh}	43, 76.363, 310.732
Yxy	12.9696, 0.2377, 0.1459
Android (android.graphics.Color)	4286531270 (0xFF7F46C6)
YUV	101.6350, 47.5079, 22.2451
Hunter-Lab	36.0133, 41.7355, -65.0355

Details

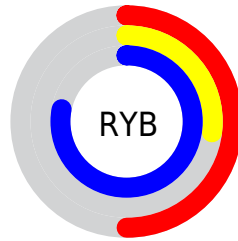
The Hex color **7F46C6** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **8DC646**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **B87AFF**, and **47118F** is the 20% darker color. If you saturate the color by 10%, you get **7432C6**, and if you desaturate by 10%, it is **8A5AC6**.

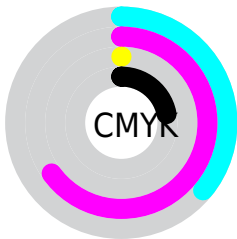
Distribution



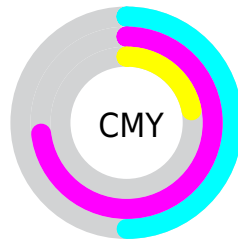
- Red (50%)
- Green (27%)
- Blue (78%)



- 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 7F46C6 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 7F46C6 by changing the saturation by 10% instead.

 7F46C6

 7F46C6

FFFFFF

 632DAA


 B87AFF

 47118F

 D594FF

 280075

 F3B0FF

 01005B

 FFCCFF

 000043

 FFE8FF

 00032C

 000116

 000000

 7F46C6

 7F46C6

7432C6

8A5AC6

691EC6

956EC6

5E0BC6

A081C6

5800C6

AB95C6

B6A9C6

C1BDC6

CCD1C6

D7E4C6

E2F8C6

Harmonies

Analogous

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



0066E3



7F46C6



BD0590

Triad

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



7F46C6



9C5200



007E7B

Complementary

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



7F46C6



8DC646

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.



007C38



7F46C6



676A00

Square

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



7F46C6



C12911



077600



007EB7

Rectangle

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



7F46C6



CD0066



077600



007E65

Sweetspot

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



7F46C6



E4CFFF



468FC6



6F6280



000000



808080

Same Dimension

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



7F46C6



9138FF



BD46C6



5E5A63



4900A3



100024

Inverse Universe

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



C6468D



FF38A6



4FC646



635A5F



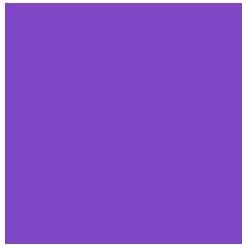
A3005B



240014

Previews

White Background



This preview shows how the Hex color 7F46C6 looks on a white background.

Color Contrast Check

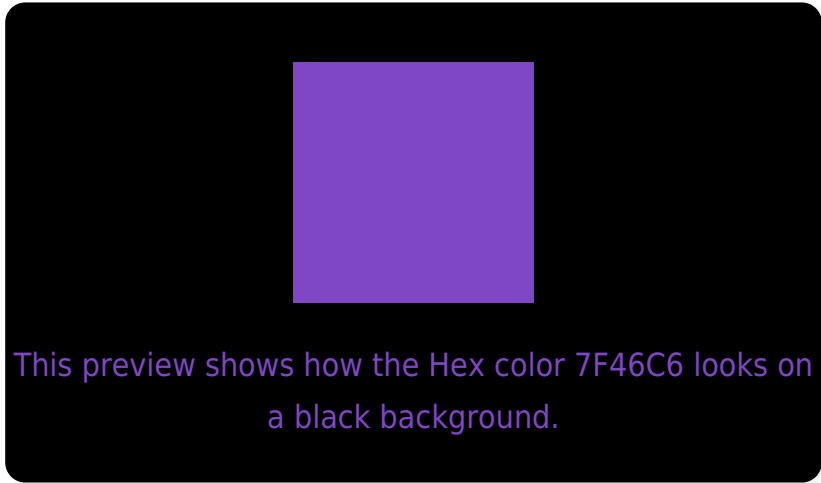
Large Text (above 18pt) WCAG AA ✓ Pass

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

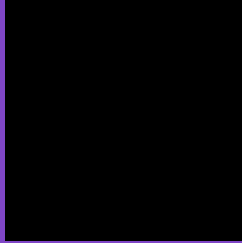
Any Text WCAG AA × Fail

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 7F46C6 Background



This preview shows how black text looks on a background with the Hex color 7F46C6.



This preview shows how white text looks on a background with the Hex color 7F46C6.

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



Trichromacy



Original Color
7F46C6



Protanomaly
2E57CC

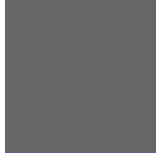


Tritanomaly
73588B

Monochromacy



Original Color
7F46C6



Achromatopsia
666666



Achromatomaly
6F5A89

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F46C6 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 #7F46C6 looks like.

```
.text, #text, p{  
    color:#7F46C6  
}
```

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 #7F46C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F46C6
}
```

Border

The CSS property to change the border of an element to Hex 7F46C6 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".

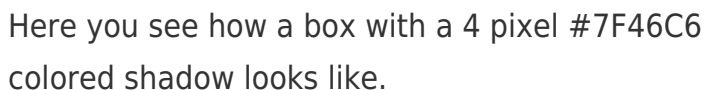
```
.border, #border, table{ border:4px solid
#7F46C6 }
```

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

```
.border{ border-color:#7F46C6 }
```

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

Here you see how a box with a 4 pixel #7F46C6 colored shadow looks like.

A rectangular box with a purple border and a purple box shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple border on the bottom and right sides. The text inside the box is black.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F46C6; -webkit-box-shadow:4px 4px  
4px 4px #7F46C6; box-shadow:4px 4px 4px  
4px #7F46C6 }
```

Background

The CSS property to change the background color of an element to Hex 7F46C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F46C6 }
```

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

```
.background{ background-color:#7F46C6 }
```

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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