

Converting Colors

Hex(7F76C1)

Have a look what the booklet for
Hex(7F76C1) contains.

Hex(7F76C1)	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(7F76C1)

Conversions

Conversions Part 1

Format	Color
Hex	7F76C1
RGB	127, 118, 193
RGB Percent	50%, 46%, 76%
CMY	0.5020, 0.5373, 0.2431
CMYK	0.34, 0.39, 0.00, 0.24
HSL	247°, 38%, 61%
HSV	247°, 39%, 76%
XYZ	24.8565, 21.3191, 53.2570
YIQ	129.2410, -18.7110, 25.2330

Conversions

Conversions Part 2

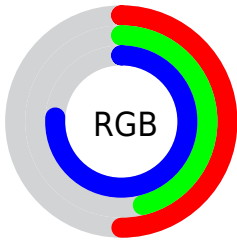
Format	Color
R_{YB}	127, 118, 193
Decimal	8353473
CIE _{Lab}	53.30, 21.05, -38.10
CIE _{LCh}	53, 43.531, 298.920
Y _{xy}	21.3191, 0.2500, 0.2144
Android (android.graphics.Color)	4286543553 (0xFF7F76C1)
YUV	129.2410, 31.4332, -1.9654
Hunter-Lab	46.1727, 15.2911, -36.0661

Details

The Hex color **7F76C1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B8C176**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B6AAFA**, and **4A468B** is the 20% darker color. If you saturate the color by 10%, you get **6E63C1**, and if you desaturate by 10%, it is **9089C1**.

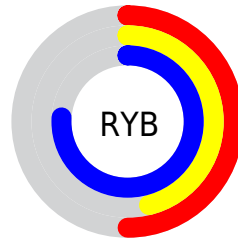
Distribution



Red (50%)

Green (46%)

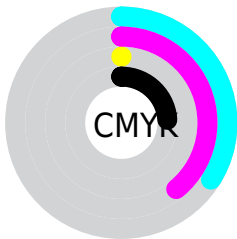
Blue (76%)



Red (50%)

Yellow (46%)

Blue (76%)

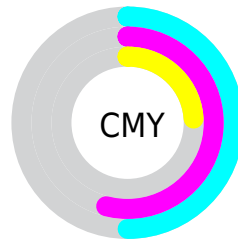


Cyan (34%)

Magenta (39%)

Yellow (0%)

Black (24%)



Cyan (50%)

Magenta (54%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F76C1 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 7F76C1 by changing the saturation by 10% instead.

■ 7F76C1

■ 7F76C1

FFFFFF

■ 655DA6

■ B6AAFA

■ 4A468B

■ D2C5FF

■ 302F71

■ EFE1FF

■ 141A58

FFFEFF

■ 000240

■ 00032A

■ 000114

■ 000000

■ 7F76C1

■ 7F76C1

6E63C1

9089C1

5D4FC1

A19DC1

4C3CC1

B2B0C1

3B29C1

C3C3C1

2A16C1

D4D6C1

1902C1

E5EAC1

1700C1

F6FDC1

FFFFC1

Harmonies

Analogous

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



3084CA



7F76C1



AC67A7

Triad

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



7F76C1



B36F3F



00927D

Complementary

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



7F76C1



B8C176

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.



408F57



7F76C1



967D31

Square

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



7F76C1



C4635D



70883B



0091A2

Rectangle

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



7F76C1



BD618F



70883B



009170

Sweetspot

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



7F76C1



E0DCFA



76B8C1



6E6B7D



FCFCFC



7D7D7D

Same Dimension

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



7F76C1



9384FA



A476C1



585761



1300A1



040021

Inverse Universe

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



C176B8



FA84EC



93C176



615760



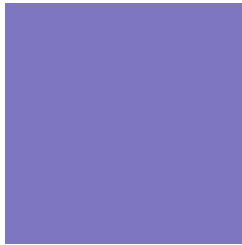
A1008D



21001D

Previews

White Background



This preview shows how the Hex color 7F76C1 looks on a white background.

Color Contrast Check

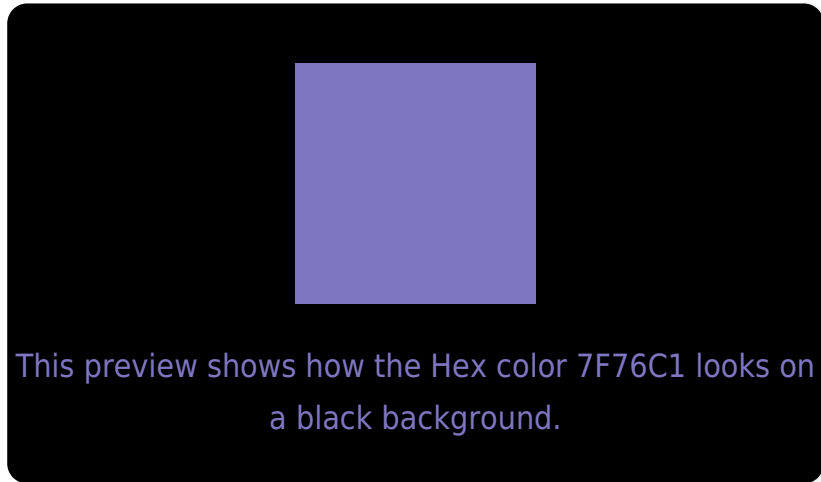
Large Text (above 18pt) WCAG AA ✓ Pass

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

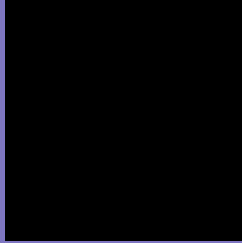
Any Text WCAG AA ✓ Pass

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 7F76C1 Background



This preview shows how black text looks on a background with the Hex color 7F76C1.



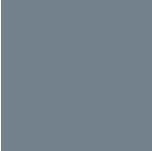
This preview shows how white text looks on a background with the Hex color 7F76C1.

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](#).

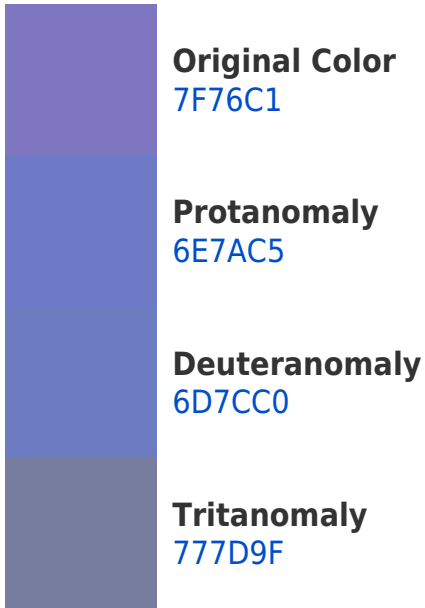
Dichromacy





Tritanopia
73818C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F76C1 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 #7F76C1 looks like.

```
.text, #text, p{  
    color:#7F76C1  
}
```

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 #7F76C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F76C1
}
```

Border

The CSS property to change the border of an element to Hex 7F76C1 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
#7F76C1 }
```

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

```
.border{ border-color:#7F76C1 }
```

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

Here you see how a box with a 4 pixel #7F76C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F76C1; -webkit-box-shadow:4px 4px  
4px 4px #7F76C1; box-shadow:4px 4px 4px  
4px #7F76C1 }
```

Background

The CSS property to change the background color of an element to Hex 7F76C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F76C1 }
```

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

```
.background{ background-color:#7F76C1 }
```

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