

Converting Colors

Hex(7876BF)

Have a look what the booklet for
Hex(7876BF) contains.

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Color

Hex(7876BF)

Conversions

Conversions Part 1

Format	Color
Hex	7876BF
RGB	120, 118, 191
RGB Percent	47%, 46%, 75%
CMY	0.5294, 0.5373, 0.2510
CMYK	0.37, 0.38, 0.00, 0.25
HSL	242°, 36%, 61%
HSV	242°, 38%, 75%
XYZ	23.6281, 20.7115, 52.0426
YIQ	126.9200, -22.2410, 23.1270

Conversions

Conversions Part 2

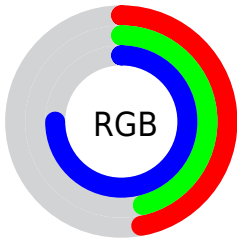
Format	Color
R_{YB}	120, 118, 191
Decimal	7894719
CIE _{Lab}	52.63, 18.56, -38.04
CIE _{LCh}	53, 42.328, 296.007
Yxy	20.7115, 0.2452, 0.2149
Android (android.graphics.Color)	4286084799 (0xFF7876BF)
YUV	126.9200, 31.5914, -6.0688
Hunter-Lab	45.5099, 13.0324, -35.9438

Details

The Hex color **7876BF** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BDBF76**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **AFAAF8**, and **434689** is the 20% darker color. If you saturate the color by 10%, you get **6563BF**, and if you desaturate by 10%, it is **8B89BF**.

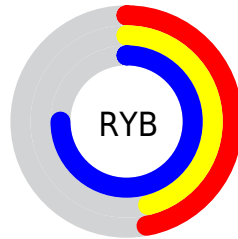
Distribution



Red (47%)

Green (46%)

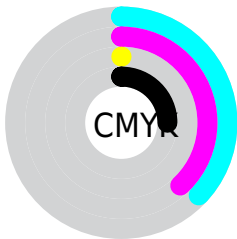
Blue (75%)



Red (47%)

Yellow (46%)

Blue (75%)

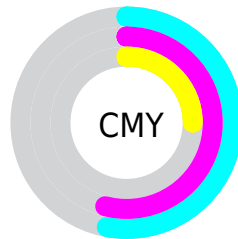


Cyan (37%)

Magenta (38%)

Yellow (0%)

Black (25%)



Cyan (53%)

Magenta (54%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7876BF 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 7876BF by changing the saturation by 10% instead.

■ 7876BF

■ 7876BF

FFFFFF

■ 5D5DA4

■ AFAAF8

■ 434689

■ CBC5FF

■ 28306F

■ E8E1FF

■ 071B57

FFFEFF

■ 00013F

■ 000328

■ 000112

■ 000000

■ 7876BF

■ 7876BF

6563BF

8B89BF

5350BF

9D9CBF

403DBF

B0AFBF

2E2ABF

C2C2BF

1B17BF

D5D6BF

0903BF

E7E9BF

0500BF

FAFCBF

FFFFBF

Harmonies

Analogous

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



2683C6



7876BF



A668A7

Triad

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



7876BF



B26D42



009077

Complementary

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



7876BF



BDBF76

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.



468C53



7876BF



977A32

Square

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



7876BF



C16160



738539



00909C

Rectangle

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



7876BF



B86190



738539



0B8F6B

Sweetspot

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



7876BF



DDDCF7



76BEBF



6D6D7D



FCFCFC



7D7D7D

Same Dimension

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



7876BF



8986F7



9C76BF



5555E



04009E



01001F

Inverse Universe

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



BF76BD



F786F4



99BF76



5E555E



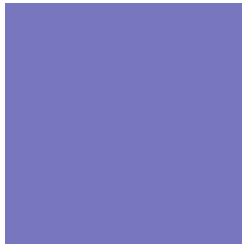
9E009A



1F001E

Previews

White Background



This preview shows how the Hex color 7876BF looks on a white background.

Color Contrast Check

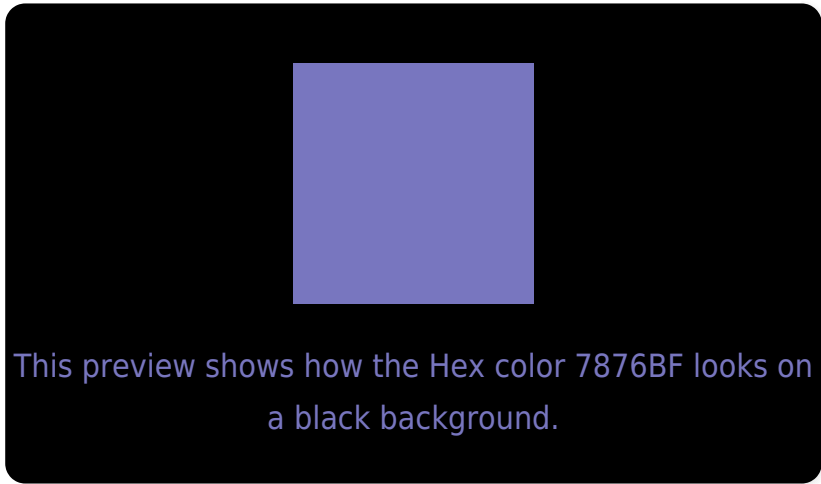
Large Text (above 18pt) WCAG AA ✓ Pass

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

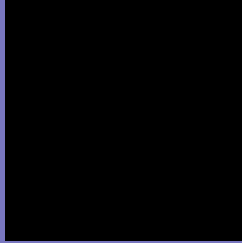
Any Text WCAG AA ✓ Pass

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 7876BF Background



This preview shows how black text looks on a background with the Hex color 7876BF.

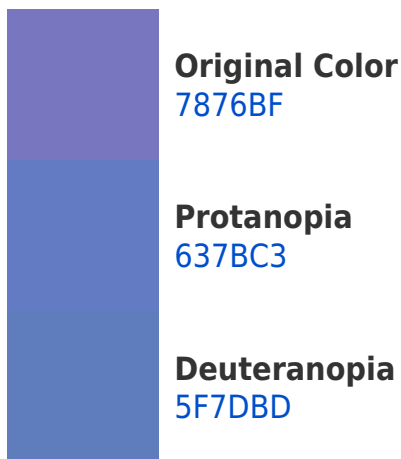


This preview shows how white text looks on a background with the Hex color 7876BF.

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



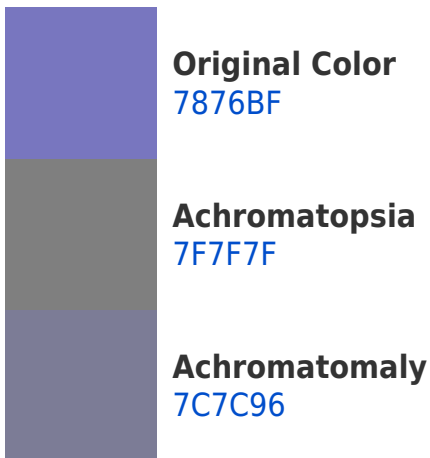


Tritanopia
6C818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7876BF 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 #7876BF looks like.

```
.text, #text, p{  
    color:#7876BF  
}
```

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 #7876BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7876BF
}
```

Border

The CSS property to change the border of an element to Hex 7876BF 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
#7876BF }
```

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

```
.border{ border-color:#7876BF }
```

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

Here you see how a box with a 4 pixel #7876BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7876BF; -webkit-box-shadow:4px 4px  
4px 4px #7876BF; box-shadow:4px 4px 4px  
4px #7876BF }
```

Background

The CSS property to change the background color of an element to Hex 7876BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7876BF }
```

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

```
.background{ background-color:#7876BF }
```

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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