

Converting Colors

Hex(7F6CB2)

Have a look what the booklet for
Hex(7F6CB2) contains.

Hex(7F6CB2)	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(7F6CB2)

Conversions

Conversions Part 1

Format	Color
Hex	7F6CB2
RGB	127, 108, 178
RGB Percent	50%, 42%, 70%
CMY	0.5020, 0.5765, 0.3020
CMYK	0.29, 0.39, 0.00, 0.30
HSL	256°, 31%, 56%
HSV	256°, 39%, 70%
XYZ	22.1508, 18.4515, 44.5135
YIQ	121.6610, -11.1460, 25.7980

Conversions

Conversions Part 2

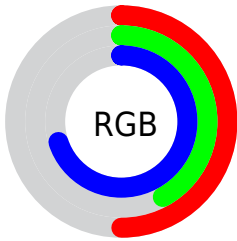
Format	Color
R_{YB}	127, 108, 178
Decimal	8350898
CIE _{Lab}	50.04, 23.04, -34.58
CIE _{LCh}	50, 41.551, 303.682
Yxy	18.4515, 0.2602, 0.2168
Android (android.graphics.Color)	4286540978 (0xFF7F6CB2)
YUV	121.6610, 27.7751, 4.6823
Hunter-Lab	42.9552, 16.8760, -31.3722

Details

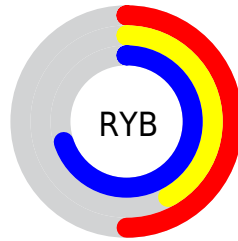
The Hex color **7F6CB2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9FB26C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B5A0EA**, and **4B3C7D** is the 20% darker color. If you saturate the color by 10%, you get **725AB2**, and if you desaturate by 10%, it is **8C7EB2**.

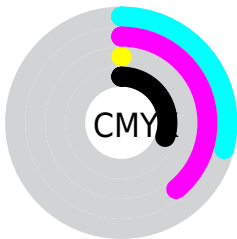
Distribution



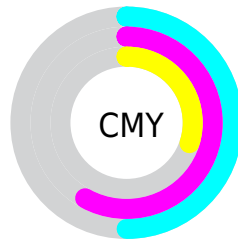
- Red (50%)
- Green (42%)
- Blue (70%)



- Red (50%)
- Yellow (42%)
- Blue (70%)



- Cyan (29%)
- Magenta (39%)
- Yellow (0%)
- Black (30%)



- Cyan (50%)
- Magenta (58%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F6CB2 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 7F6CB2 by changing the saturation by 10% instead.

7F6CB2

7F6CB2

FFFFFF

655497

B5A0EA

4B3C7D

D1BBFF

322664

EED6FF

19114B

FFF3FF

060035

00021E

000000

7F6CB2

7F6CB2

725AB2

8C7EB2

6548B2

9990B2

5837B2

A6A1B2

4B25B2

B3B3B2

3E13B2

C0C5B2

3101B2

CDD7B2

3000B2

DAE9B2

E7FAB2

F4FFB2

Harmonies

Analogous

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



3D79BD



7F6CB2



A65F97

Triad

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



7F6CB2



A46A37



00897A

Complementary

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



7F6CB2



9FB26C

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.



318656



7F6CB2



87772D

Square

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



7F6CB2



B65D52



63803A



00889D

Rectangle

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



7F6CB2



B45980



63803A



00886E

Sweetspot

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



7F6CB2



D4CCE8



6C9FB2



696575



F5F5F5



757575

Same Dimension

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



7F6CB2



997BE8



A26CB2



535059



2A0099



07001A

Inverse Universe

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



B26C9F



E87BCA



7CB26C



595057



99006F



1A0013

Previews

White Background



This preview shows how the Hex color 7F6CB2 looks on a white background.

Color Contrast Check

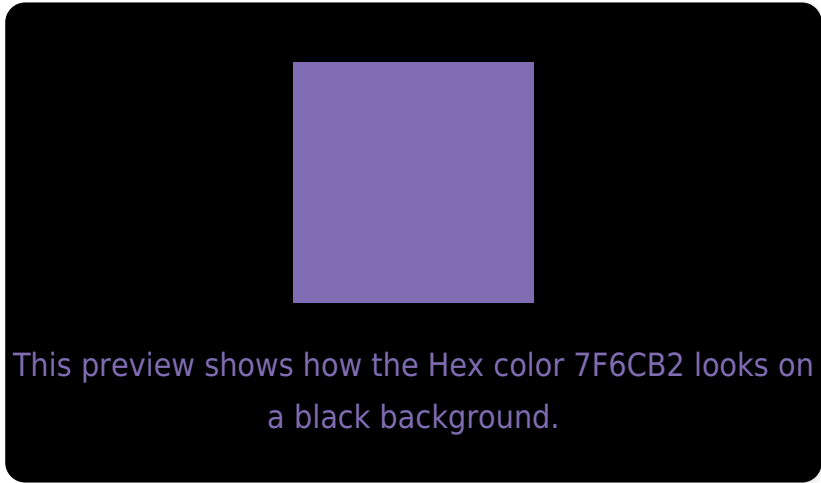
Large Text (above 18pt) WCAG AA ✓ Pass

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

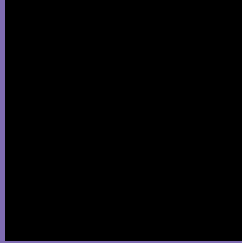
Any Text WCAG AA ✓ Pass

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 7F6CB2 Background



This preview shows how black text looks on a background with the Hex color 7F6CB2.

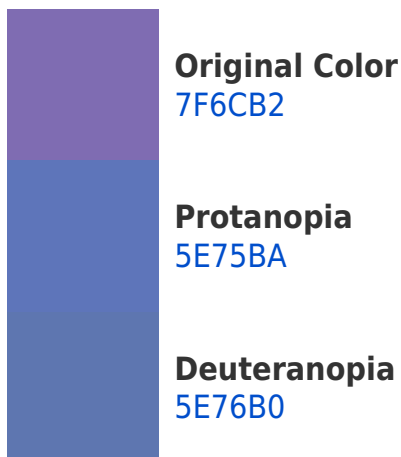


This preview shows how white text looks on a background with the Hex color 7F6CB2.

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
757780

Trichromacy



Original Color
7F6CB2

Protanomaly
6A72B7

Deuteranomaly
6A72B1

Tritanomaly
797392

Monochromacy



Original Color
7F6CB2

Achromatopsia
7A7A7A

Achromatomaly
7C758E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F6CB2 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 #7F6CB2 looks like.

```
.text, #text, p{  
    color:#7F6CB2  
}
```

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 #7F6CB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F6CB2
}
```

Border

The CSS property to change the border of an element to Hex 7F6CB2 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
#7F6CB2 }
```

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

```
.border{ border-color:#7F6CB2 }
```

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

Here you see how a box with a 4 pixel #7F6CB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F6CB2; -webkit-box-shadow:4px 4px  
4px 4px #7F6CB2; box-shadow:4px 4px 4px  
4px #7F6CB2 }
```

Background

The CSS property to change the background color of an element to Hex 7F6CB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F6CB2 }
```

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

```
.background{ background-color:#7F6CB2 }
```

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