

Converting Colors

Hex(7F6BB0)

Have a look what the booklet for
Hex(7F6BB0) contains.

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Color

Hex(7F6BB0)

Conversions

Conversions Part 1

Format	Color
Hex	7F6BB0
RGB	127, 107, 176
RGB Percent	50%, 42%, 69%
CMY	0.5020, 0.5804, 0.3098
CMYK	0.28, 0.39, 0.00, 0.31
HSL	257°, 30%, 55%
HSV	257°, 39%, 69%
XYZ	21.8466, 18.1620, 43.4285
YIQ	120.8460, -10.2290, 25.6990

Conversions

Conversions Part 2

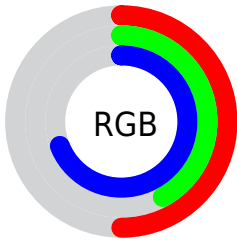
Format	Color
R_{YB}	127, 107, 176
Decimal	8350640
CIE _{Lab}	49.69, 23.12, -33.96
CIE _{LCh}	50, 41.084, 304.254
Yxy	18.1620, 0.2618, 0.2177
Android (android.graphics.Color)	4286540720 (0xFF7F6BB0)
YUV	120.8460, 27.1909, 5.3971
Hunter-Lab	42.6169, 16.9243, -30.5872

Details

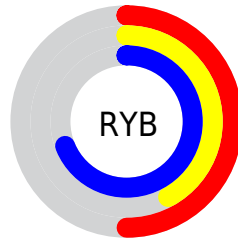
The Hex color **7F6BB0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9CB06B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B59FE8**, and **4C3B7B** is the 20% darker color. If you saturate the color by 10%, you get **7359B0**, and if you desaturate by 10%, it is **8B7DB0**.

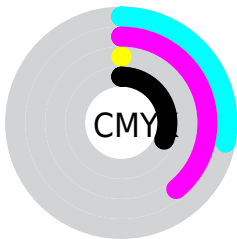
Distribution



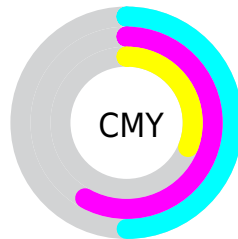
- Red (50%)
- Green (42%)
- Blue (69%)



- Red (50%)
- Yellow (42%)
- Blue (69%)



- Cyan (28%)
- Magenta (39%)
- Yellow (0%)
- Black (31%)



- Cyan (50%)
- Magenta (58%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F6BB0 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 7F6BB0 by changing the saturation by 10% instead.

7F6BB0

7F6BB0

FFFFFF

655395

B59FE8

4C3B7B

D1BAFF

332562

EED5FF

19114A

FFF2FF

060033

00021D

000000

7F6BB0

7F6BB0

7359B0

8B7DB0

6648B0

988EB0

5A36B0

A4A0B0

4D25B0

B1B1B0

4113B0

BDC3B0

3401B0

CAD5B0

3300B0

D6E6B0

E3F8B0

EFFFB0

Harmonies

Analogous

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



3F78BC



7F6BB0



A55E95

Triad

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



7F6BB0



A26937



00887A

Complementary

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



7F6BB0



9CB06B

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.



308557



7F6BB0



86762D

Square

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



7F6BB0



B45D51



617F3A



00879C

Rectangle

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



7F6BB0



B3597E



617F3A



00876E

Sweetspot

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



7F6BB0



D2CAE6



6B9CB0



676373



F2F2F2



737373

Same Dimension

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



7F6BB0



997AE6



A16BB0



535059



2C0099



07001A

Inverse Universe

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



B06B9C



E67AC6



7AB06B



595057



99006D



1A0012

Previews

White Background



This preview shows how the Hex color 7F6BB0 looks on a white background.

Color Contrast Check

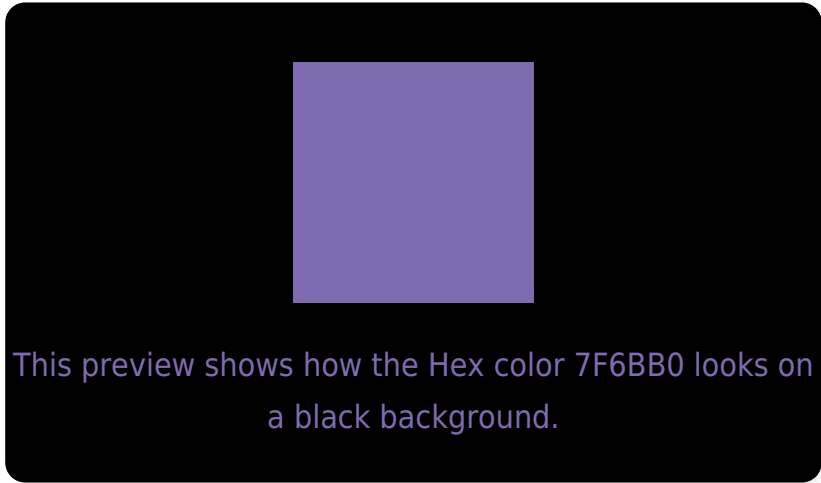
Large Text (above 18pt) WCAG AA ✓ Pass

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

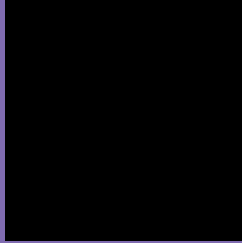
Any Text WCAG AA ✓ Pass

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 7F6BB0 Background



This preview shows how black text looks on a background with the Hex color 7F6BB0.



This preview shows how white text looks on a background with the Hex color 7F6BB0.

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



Original Color
7F6BB0

Protanopia
5E74B8

Deuteranopia
5F75AE



Tritanopia
75757F

Trichromacy



Original Color
7F6BB0

Protanomaly
6A71B5

Deuteranomaly
6B71AF

Tritanomaly
797191

Monochromacy



Original Color
7F6BB0

Achromatopsia
797979

Achromatomaly
7B748D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F6BB0 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 #7F6BB0 looks like.

```
.text, #text, p{  
    color:#7F6BB0  
}
```

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 #7F6BB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F6BB0
}
```

Border

The CSS property to change the border of an element to Hex 7F6BB0 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
#7F6BB0 }
```

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

```
.border{ border-color:#7F6BB0 }
```

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

Here you see how a box with a 4 pixel #7F6BB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F6BB0; -webkit-box-shadow:4px 4px  
4px 4px #7F6BB0; box-shadow:4px 4px 4px  
4px #7F6BB0 }
```

Background

The CSS property to change the background color of an element to Hex 7F6BB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F6BB0 }
```

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

```
.background{ background-color:#7F6BB0 }
```

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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