

Converting Colors

Hex(7F4CB2)

Have a look what the booklet for
Hex(7F4CB2) contains.

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Color

Hex(7F4CB2)

Conversions

Conversions Part 1

Format	Color
Hex	7F4CB2
RGB	127, 76, 178
RGB Percent	50%, 30%, 70%
CMY	0.5020, 0.7020, 0.3020
CMYK	0.29, 0.57, 0.00, 0.30
HSL	270°, 40%, 50%
HSV	270°, 57%, 70%
XYZ	19.3727, 12.8953, 43.5875
YIQ	102.8770, -2.3460, 42.5340

Conversions

Conversions Part 2

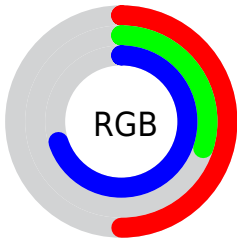
Format	Color
R _{YB}	127, 76, 178
Decimal	8342706
CIE _{Lab}	42.61, 41.65, -46.36
CIE _{LCh}	43, 62.316, 311.935
Yxy	12.8953, 0.2554, 0.1700
Android (android.graphics.Color)	4286532786 (0xFF7F4CB2)
YUV	102.8770, 37.0356, 21.1559
Hunter-Lab	35.9100, 33.4548, -46.8291

Details

The Hex color **7F4CB2** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7FB24C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **B67FEA**, and **491B7D** is the 20% darker color. If you saturate the color by 10%, you get **763AB2**, and if you desaturate by 10%, it is **885EB2**.

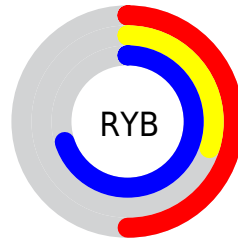
Distribution



Red (50%)

Green (30%)

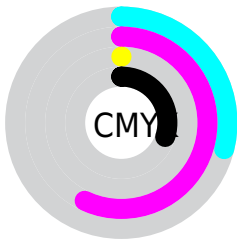
Blue (70%)



Red (50%)

Yellow (30%)

Blue (70%)

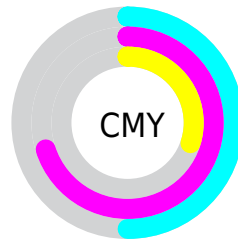


Cyan (29%)

Magenta (57%)

Yellow (0%)

Black (30%)



Cyan (50%)

Magenta (70%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F4CB2 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 7F4CB2 by changing the saturation by 10% instead.

 7F4CB2

 7F4CB2

FFFFFF

 643497

 B67FEA

 491B7D

 D399FF

 2F0063

 F0B5FF


 15004B

 FFD1FF

 000033

 FFEDFF

 00021D

 000000

 7F4CB2

 7F4CB2

 763AB2

 885EB2

6D28B2

9170B2

6417B2

9A81B2

5B05B2

A393B2

5900B2

ABA5B2

B4B7B2

BDC9B2

C6DAB2

CFECB2

Harmonies

Analogous

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



0064CA



7F4CB2



AF2F86

Triad

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



7F4CB2



935600



007B78

Complementary

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



7F4CB2



7FB24C

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.



007942



7F4CB2



676900

Square

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



7F4CB2



B23D21



297404



007AA9

Rectangle

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



7F4CB2



BC2464



297404



007B67

Sweetspot

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



7F4CB2



D4C1E8



4C7FB2



6A5E75



F5F5F5



757575

Same Dimension

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



7F4CB2



9848E8



B24CB2



555059



4D0099



0D001A

Inverse Universe

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



B24C7F



E84898



4CB24C



595055



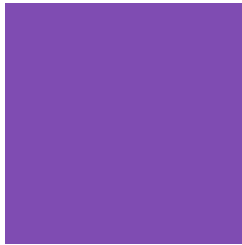
99004D



1A000D

Previews

White Background



This preview shows how the Hex color 7F4CB2 looks on a white background.

Color Contrast Check

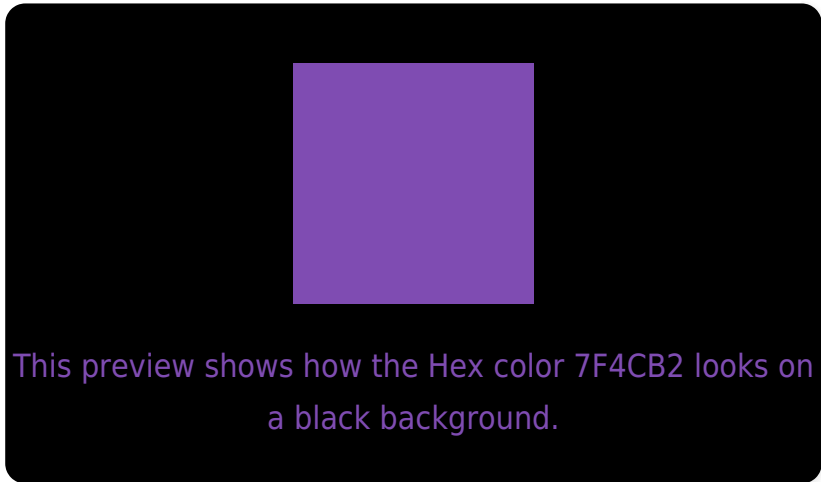
Large Text (above 18pt) WCAG AA ✓ Pass

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

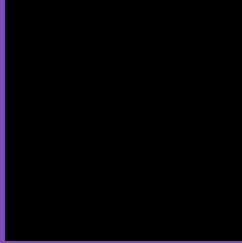
Any Text WCAG AA × Fail

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 7F4CB2 Background



This preview shows how black text looks on a background with the Hex color 7F4CB2.

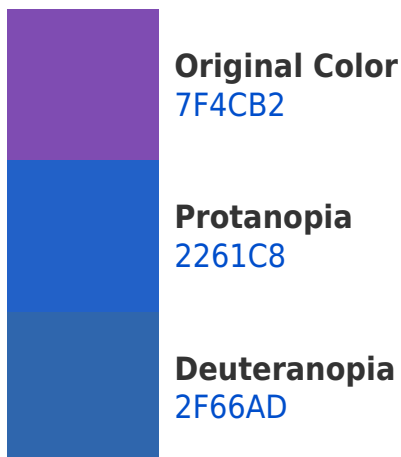


This preview shows how white text looks on a background with the Hex color 7F4CB2.

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
716067

Trichromacy



Original Color

7F4CB2



Protanomaly

4459C0



Deuteranomaly

4C5DAF



Tritanomaly

765982

Monochromacy



Original Color

7F4CB2



Achromatopsia

676767



Achromatomaly

705D82

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F4CB2 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 #7F4CB2 looks like.

```
.text, #text, p{  
    color:#7F4CB2  
}
```

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 #7F4CB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F4CB2
}
```

Border

The CSS property to change the border of an element to Hex 7F4CB2 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
#7F4CB2 }
```

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

```
.border{ border-color:#7F4CB2 }
```

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

Here you see how a box with a 4 pixel #7F4CB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F4CB2; -webkit-box-shadow:4px 4px  
4px 4px #7F4CB2; box-shadow:4px 4px 4px  
4px #7F4CB2 }
```

Background

The CSS property to change the background color of an element to Hex 7F4CB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F4CB2 }
```

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

```
.background{ background-color:#7F4CB2 }
```

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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