

Converting Colors

Hex(7F07BB)

Have a look what the booklet for
Hex(7F07BB) contains.

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Color

Hex(7F07BB)

Conversions

Conversions Part 1

Format	Color
Hex	7F07BB
RGB	127, 7, 187
RGB Percent	50%, 3%, 73%
CMY	0.5020, 0.9725, 0.2667
CMYK	0.32, 0.96, 0.00, 0.27
HSL	280°, 93%, 38%
HSV	280°, 96%, 73%
XYZ	17.7980, 8.2518, 47.6684
YIQ	63.4000, 13.7400, 81.4200

Conversions

Conversions Part 2

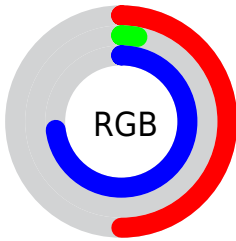
Format	Color
RYB	127, 7, 187
Decimal	8325051
CIELab	34.50, 68.37, -64.79
CIElCh	35, 94.195, 316.541
Yxy	8.2518, 0.2414, 0.1119
Android (android.graphics.Color)	4286515131 (0xFF7F07BB)
YUV	63.4000, 60.9348, 55.7772
Hunter-Lab	28.7260, 60.3242, -78.2786

Details

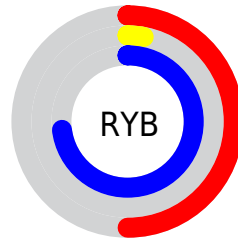
The Hex color **7F07BB** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **43BB07**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **B94FF4**, and **450084** is the 20% darker color. If you saturate the color by 10%, you get **7D00BB**, and if you desaturate by 10%, it is **851ABB**.

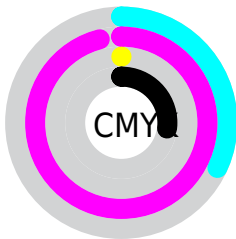
Distribution



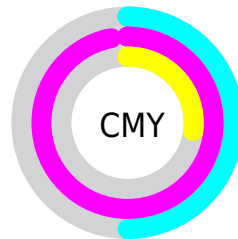
- Red (50%)
- Green (3%)
- Blue (73%)



- Red (50%)
- Yellow (3%)
- Blue (73%)



- Cyan (32%)
- Magenta (96%)
- Yellow (0%)
- Black (27%)



- Cyan (50%)
- Magenta (97%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F07BB 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 7F07BB by changing the saturation by 10% instead.

 7F07BB

 7F07BB

FFFFFF

 62009F

 B94FF4

 450084

 D76BFF

 26006A

 F587FF

 000051

 FFA3FF

 000439

 FFC0FF

 000222

 FFD0FF

 000009

 FFFAFF

 000000

 7F07BB

 7F07BB

7D00BB

851ABB

8B2CBB

923FBB

9852BB

9E65BB

A477BB

AB8ABB

B19DBB

B7AFBB

Harmonies

Analogous

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



004FE6



7F07BB



BE0076

Triad

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



7F07BB



7F4100



006B7B

Complementary

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



7F07BB



43BB07

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.



00692B



7F07BB



3C5B00

Square

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



7F07BB



AF0000



006500



006CC0

Rectangle

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



7F07BB



C90045



006500



006B61

Sweetspot

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



7F07BB



DBACF2



0743BB



6C507A



FAFAFA



7A7A7A

Same Dimension

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



7F07BB



A200F2



BB079D



5B555E



69009E



14001F

Inverse Universe

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



BB0743



F20051



07BB25



5E5558



9E0035



1F000A

Previews

White Background



This preview shows how the Hex color 7F07BB looks on a white background.

Color Contrast Check

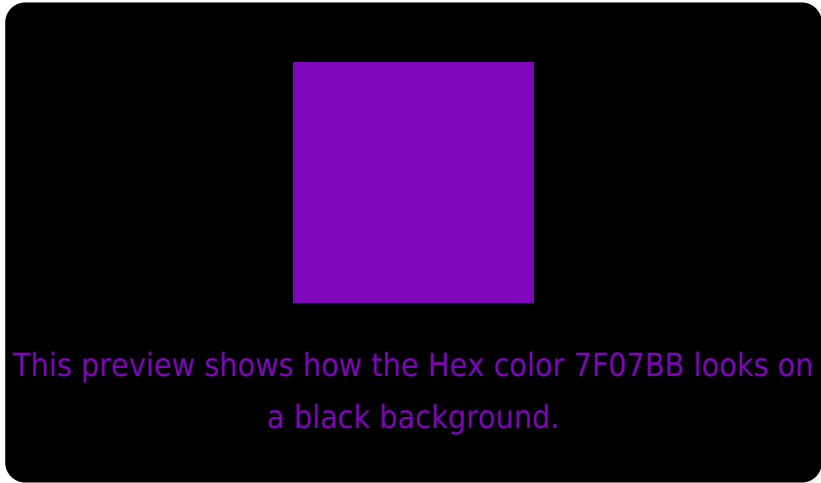
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

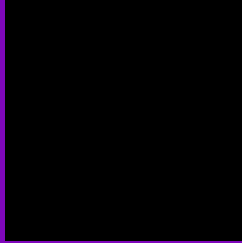
Any Text WCAG AA × Fail

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 7F07BB Background



This preview shows how black text looks on a background with the Hex color 7F07BB.

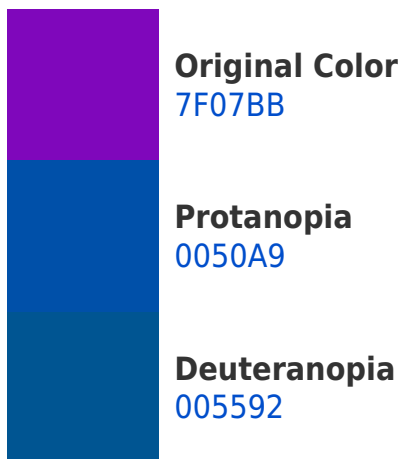



This preview shows how white text looks on a background with the Hex color 7F07BB.

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
6C494F

Trichromacy



Original Color
7F07BB



Protanomaly
2E35B0



Deuteranomaly
2E39A1



Tritanomaly
733176

Monochromacy



Original Color
7F07BB



Achromatopsia
3F3F3F



Achromatomaly
562B6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F07BB 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 #7F07BB looks like.

```
.text, #text, p{  
    color:#7F07BB  
}
```

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 #7F07BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F07BB
}
```

Border

The CSS property to change the border of an element to Hex 7F07BB 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
#7F07BB }
```

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

```
.border{ border-color:#7F07BB }
```

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

Here you see how a box with a 4 pixel #7F07BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F07BB; -webkit-box-shadow:4px 4px  
4px 4px #7F07BB; box-shadow:4px 4px 4px  
4px #7F07BB }
```

Background

The CSS property to change the background color of an element to Hex 7F07BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F07BB }
```

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

```
.background{ background-color:#7F07BB }
```

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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