

Converting Colors

Hex(7C0BB8)

Have a look what the booklet for
Hex(7C0BB8) contains.

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Color

Hex(7C0BB8)

Conversions

Conversions Part 1

Format	Color
Hex	7C0BB8
RGB	124, 11, 184
RGB Percent	49%, 4%, 72%
CMY	0.5137, 0.9569, 0.2784
CMYK	0.33, 0.94, 0.00, 0.28
HSL	279°, 89%, 38%
HSV	279°, 94%, 72%
XYZ	17.0836, 7.9851, 45.9883
YIQ	64.5090, 11.8150, 77.7590

Conversions

Conversions Part 2

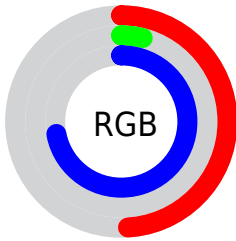
Format	Color
RYB	124, 11, 184
Decimal	8129464
CIELab	33.95, 66.86, -63.93
CIELCh	34, 92.511, 316.283
Yxy	7.9851, 0.2404, 0.1124
Android (android.graphics.Color)	4286319544 (0xFF7C0BB8)
YUV	64.5090, 58.9091, 52.1736
Hunter-Lab	28.2580, 58.4622, -76.7107

Details

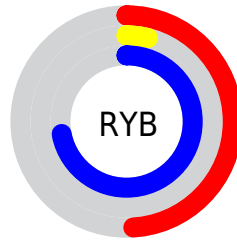
The Hex color **7C0BB8** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **47B80B**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **B64FF1**, and **420082** is the 20% darker color. If you saturate the color by 10%, you get **7800B8**, and if you desaturate by 10%, it is **821DB8**.

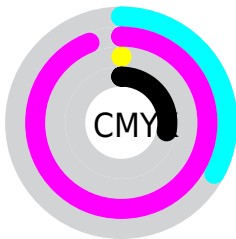
Distribution



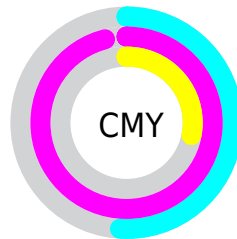
- Red (49%)
- Green (4%)
- Blue (72%)



- Red (49%)
- Yellow (4%)
- Blue (72%)



- Cyan (33%)
- Magenta (94%)
- Yellow (0%)
- Black (28%)



- Cyan (51%)
- Magenta (96%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C0BB8 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 7C0BB8 by changing the saturation by 10% instead.

 7C0BB8

 7C0BB8

FFFFFF

 5F009C


 B64FF1

 420082

 D46BFF

 230068

 F287FF

 00004F

 FFA3FF

 000536

 FFC0FF

 000220

 FFDDFF

 000004

 FFFAFF

 000000

 7C0BB8

 7C0BB8

7800B8

821DB8

8930B8

8F42B8

9655B8

9C67B8

A279B8

A98CB8

AF9EB8

B5B1B8

Harmonies

Analogous

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



004EE2



7C0BB8



BA0075

Triad

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



7C0BB8



7D4000



006A78

Complementary

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



7C0BB8



47B80B

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.



006729



7C0BB8



3C5900

Square

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



7C0BB8



AC0000



006300



006ABC

Rectangle

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



7C0BB8



C60045



006300



00695E

Sweetspot

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



7C0BB8



D8ADF0



0B48B8



6A4F78



F7F7F7



787878

Same Dimension

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



7C0BB8



9D00F0



B80B9E



59535C



66009C



12001C

Inverse Universe

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



B80B47



F00053



0BB825



5C5356



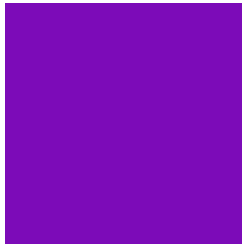
9C0036



1C000A

Previews

White Background



This preview shows how the Hex color 7C0BB8 looks on a white background.

Color Contrast Check

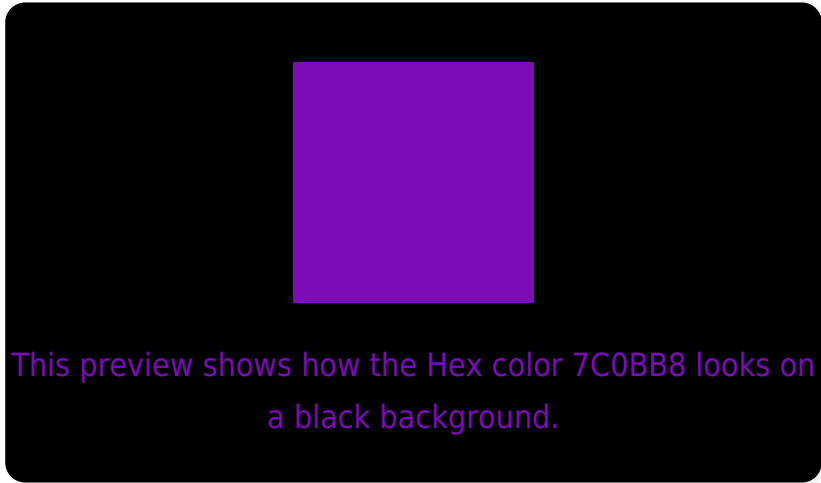
Large Text (above 18pt) WCAG AA ✓ Pass

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

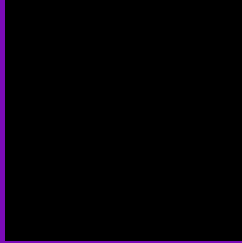
Any Text WCAG AA × Fail

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 7C0BB8 Background



This preview shows how black text looks on a background with the Hex color 7C0BB8.



This preview shows how white text looks on a background with the Hex color 7C0BB8.

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
7C0BB8

Protanopia
004FA6

Deuteranopia
00548F



Tritanopia
69484E

Trichromacy



Original Color
7C0BB8



Protanomaly
2D36AD



Deuteranomaly
2D399E



Tritanomaly
703275

Monochromacy



Original Color
7C0BB8



Achromatopsia
414141



Achromatomaly
562D6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C0BB8 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 #7C0BB8 looks like.

```
.text, #text, p{  
    color:#7C0BB8  
}
```

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 #7C0BB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C0BB8
}
```

Border

The CSS property to change the border of an element to Hex 7C0BB8 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
#7C0BB8 }
```

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

```
.border{ border-color:#7C0BB8 }
```

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

Here you see how a box with a 4 pixel #7C0BB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C0BB8; -webkit-box-shadow:4px 4px  
4px 4px #7C0BB8; box-shadow:4px 4px 4px  
4px #7C0BB8 }
```

Background

The CSS property to change the background color of an element to Hex 7C0BB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C0BB8 }
```

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

```
.background{ background-color:#7C0BB8 }
```

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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