

Converting Colors

Hex(7B17C9)

Have a look what the booklet for
Hex(7B17C9) contains.

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Color

Hex(7B17C9)

Conversions

Conversions Part 1

Format	Color
Hex	7B17C9
RGB	123, 23, 201
RGB Percent	48%, 9%, 79%
CMY	0.5176, 0.9098, 0.2118
CMYK	0.39, 0.89, 0.00, 0.21
HSL	274°, 79%, 44%
HSV	274°, 89%, 79%
XYZ	19.0174, 9.0408, 56.0011
YIQ	73.1920, 2.4620, 76.5580

Conversions

Conversions Part 2

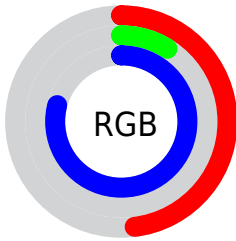
Format	Color
R_{YB}	123, 23, 201
Decimal	8067017
CIE Lab	36.06, 68.03, -70.48
CIE LCh	36, 97.959, 313.989
Yxy	9.0408, 0.2262, 0.1076
Android (android.graphics.Color)	4286257097 (0xFF7B17C9)
YUV	73.1920, 63.0093, 43.6816
Hunter-Lab	30.0679, 60.2791, -89.3793

Details

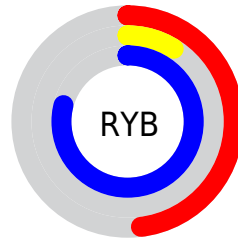
The Hex color **7B17C9** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **65C917**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **B655FF**, and **3E0092** is the 20% darker color. If you saturate the color by 10%, you get **7203C9**, and if you desaturate by 10%, it is **842BC9**.

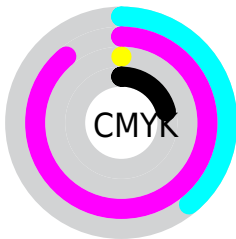
Distribution



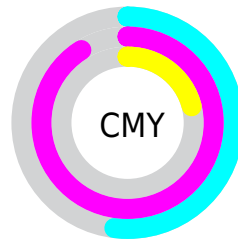
- Red (48%)
- Green (9%)
- Blue (79%)



- Red (48%)
- Yellow (9%)
- Blue (79%)



- Cyan (39%)
- Magenta (89%)
- Yellow (0%)
- Black (21%)



- Cyan (52%)
- Magenta (91%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B17C9 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 7B17C9 by changing the saturation by 10% instead.

 7B17C9

 7B17C9

FFFFFF

 5D00AD

 B655FF

 3E0092

 D471FF

 190077

 F28DFF

 00005D


 FFA9FF

 000144

 FFC6FF

 00032D

 FFE3FF

 000117

 000000

 7B17C9

 7B17C9

■ 7203C9

■ 842BC9

■ 7100C9

■ 8D3FC9

■ 9553C9

■ 9E67C9

■ A77CC9

■ B090C9

■ B9A4C9

■ C1B8C9

■ CACCC9

Harmonies

Analogous

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



0056F3



7B17C9



C40082

Triad

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



7B17C9



8A4100



007079

Complementary

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



7B17C9



65C917

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.



006E24



7B17C9



455D00

Square

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



7B17C9



BA0000



006900



0071C3

Rectangle

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



7B17C9



D2004F



006900



006F5E

Sweetspot

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



7B17C9



E1BAFF



1767C9



6E5780



000000



808080

Same Dimension

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



7B17C9



8F00FF



C917C0



5F5A63



5C00A3



140024

Inverse Universe

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



C91765



FF0070



17C920



635A5E



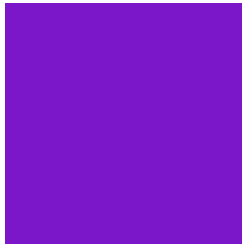
A30048



240010

Previews

White Background



This preview shows how the Hex color 7B17C9 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

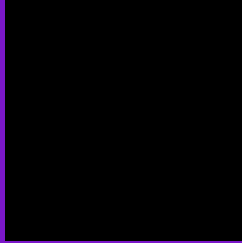
Any Text WCAG AA × Fail

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 7B17C9 Background



This preview shows how black text looks on a background with the Hex color 7B17C9.

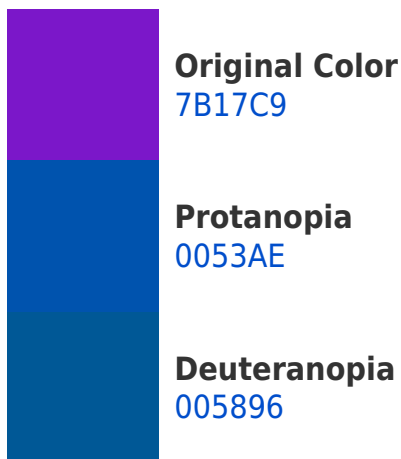


This preview shows how white text looks on a background with the Hex color 7B17C9.

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
635057

Trichromacy



Original Color
7B17C9



Protanomaly
2D3DB8



Deuteranomaly
2D40A9



Tritanomaly
6C3B80

Monochromacy



Original Color
7B17C9



Achromatopsia
494949



Achromatomaly
5B3778

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B17C9 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 #7B17C9 looks like.

```
.text, #text, p{  
    color:#7B17C9  
}
```

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 #7B17C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B17C9
}
```

Border

The CSS property to change the border of an element to Hex 7B17C9 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
#7B17C9 }
```

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

```
.border{ border-color:#7B17C9 }
```

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

Here you see how a box with a 4 pixel #7B17C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B17C9; -webkit-box-shadow:4px 4px  
4px 4px #7B17C9; box-shadow:4px 4px 4px  
4px #7B17C9 }
```

Background

The CSS property to change the background color of an element to Hex 7B17C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B17C9 }
```

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

```
.background{ background-color:#7B17C9 }
```

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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