

Converting Colors

Hex(7B7391)

Have a look what the booklet for
Hex(7B7391) contains.

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Color

Hex(7B7391)

Conversions

Conversions Part 1

Format	Color
Hex	7B7391
RGB	123, 115, 145
RGB Percent	48%, 45%, 57%
CMY	0.5176, 0.5490, 0.4314
CMYK	0.15, 0.21, 0.00, 0.43
HSL	256°, 12%, 51%
HSV	256°, 21%, 57%
XYZ	19.4099, 18.5168, 29.3391
YIQ	120.8120, -4.8620, 11.0260

Conversions

Conversions Part 2

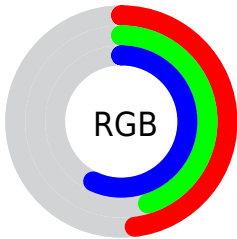
Format	Color
R_{YB}	123, 115, 145
Decimal	8090513
CIE _{Lab}	50.12, 9.45, -15.18
CIE _{LCh}	50, 17.887, 301.908
Yxy	18.5168, 0.2886, 0.2753
Android (android.graphics.Color)	4286280593 (0xFF7B7391)
YUV	120.8120, 11.9247, 1.9189
Hunter-Lab	43.0311, 5.2112, -10.3029

Details

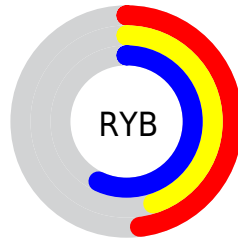
The Hex color **7B7391** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **899173**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B0A7C7**, and **4A435E** is the 20% darker color. If you saturate the color by 10%, you get **706591**, and if you desaturate by 10%, it is **868291**.

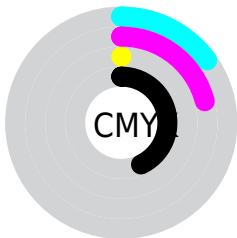
Distribution



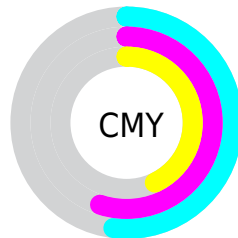
- Red (48%)
- Green (45%)
- Blue (57%)



- Red (48%)
- Yellow (45%)
- Blue (57%)



- Cyan (15%)
- Magenta (21%)
- Yellow (0%)
- Black (43%)



- Cyan (52%)
- Magenta (55%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7391 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 7B7391 by changing the saturation by 10% instead.

■ 7B7391

■ 7B7391

FFFFFF

■ 625A77

■ B0A7C7

■ 4A435E

■ CBC2E3

■ 332D47

■ E7DEFF

■ 1D1830

■ FFFBFF

■ 08001C

■ 000000

■ 7B7391

■ 7B7391

■ 706591

■ 868291

■ 665691

■ 909091

■ 5B4891

■ 9B9F91

■ 503991

■ A6AD91

■ 462B91

■ B0BB91

■ 3B1C91

■ BBCA91

■ 310D91

■ C5D991

■ 270091

■ D0E791

■ DBF591

Harmonies

Analogous

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



667895



7B7391



8C6E86

Triad

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



7B7391



8F715D



518078

Complementary

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



7B7391



899173

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.



607E68



7B7391



827759

Square

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



7B7391



966E68



717B5D



4C7F87

Rectangle

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



7B7391



936D7C



717B5D



558072

Sweetspot

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



7B7391



B4B1BD



738991



5A585E



DEDEDE



5E5E5E

Same Dimension

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



7B7391



9A8EBD



8A7391



424047



240087



020008

Inverse Universe

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



917389



BD8EB0



7A9173



474045



870063



080006

Previews

White Background



This preview shows how the Hex color 7B7391 looks on a white background.

Color Contrast Check

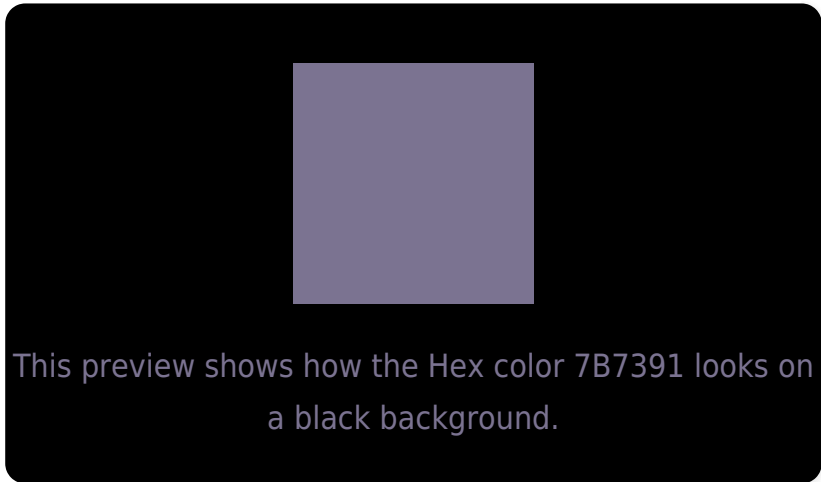
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

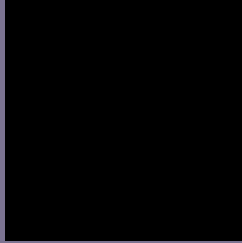
Any Text WCAG AA ✓ Pass

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 7B7391 Background



This preview shows how black text looks on a background with the Hex color 7B7391.



This preview shows how white text looks on a background with the Hex color 7B7391.

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
7B7391

Protanopia
707693

Deuteranopia
767591



Tritanopia
78767F

Trichromacy



Original Color
7B7391

Protanomaly
747592

Deuteranomaly
787491

Tritanomaly
797586

Monochromacy



Original Color
7B7391

Achromatopsia
797979

Achromatomaly
7A7782

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7391 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 #7B7391 looks like.

```
.text, #text, p{  
    color:#7B7391  
}
```

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 #7B7391 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7391
}
```

Border

The CSS property to change the border of an element to Hex 7B7391 is called "border". The border property can be set on classes, ids or directly on the HTML element.

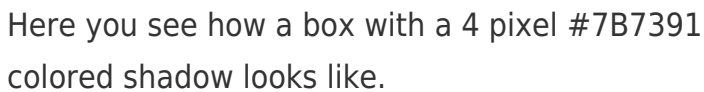
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B7391 }
```

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

```
.border{ border-color:#7B7391 }
```

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



Here you see how a box with a 4 pixel #7B7391 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7391; -webkit-box-shadow:4px 4px  
4px 4px #7B7391; box-shadow:4px 4px 4px  
4px #7B7391 }
```

Background

The CSS property to change the background color of an element to Hex 7B7391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7391 }
```

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

```
.background{ background-color:#7B7391 }
```

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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