

Converting Colors

Hex(7C7E90)

Have a look what the booklet for
Hex(7C7E90) contains.

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Color

Hex(7C7E90)

Conversions

Conversions Part 1

Format	Color
Hex	7C7E90
RGB	124, 126, 144
RGB Percent	49%, 49%, 56%
CMY	0.5137, 0.5059, 0.4353
CMYK	0.14, 0.12, 0.00, 0.44
HSL	234°, 8%, 53%
HSV	234°, 14%, 56%
XYZ	20.8071, 21.2204, 29.3849
YIQ	127.4540, -6.9700, 5.1740

Conversions

Conversions Part 2

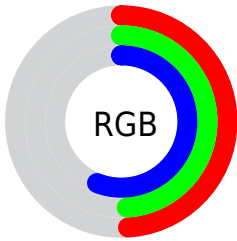
Format	Color
RYB	124, 126, 144
Decimal	8158864
CIELab	53.19, 3.11, -9.95
CIElCh	53, 10.428, 287.355
Yxy	21.2204, 0.2914, 0.2972
Android (android.graphics.Color)	4286348944 (0xFF7C7E90)
YUV	127.4540, 8.1572, -3.0292
Hunter-Lab	46.0656, 0.0107, -5.5746

Details

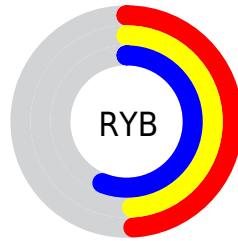
The Hex color **7C7E90** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **908E7C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B1B3C6**, and **4B4D5E** is the 20% darker color. If you saturate the color by 10%, you get **6E7190**, and if you desaturate by 10%, it is **8A8B90**.

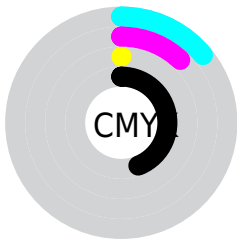
Distribution



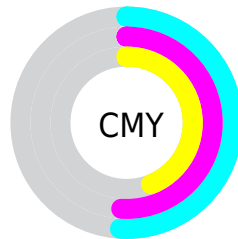
- Red (49%)
- Green (49%)
- Blue (56%)



- Red (49%)
- Yellow (49%)
- Blue (56%)



- Cyan (14%)
- Magenta (12%)
- Yellow (0%)
- Black (44%)



- Cyan (51%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C7E90 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 7C7E90 by changing the saturation by 10% instead.

■ 7C7E90

■ 7C7E90

FFFFFF

■ 636576

■ B1B3C6

■ 4B4D5E

■ CCCEE2

■ 343646

■ E8EAFE

■ 1F2130

■ 080A1B

■ 000000

■ 7C7E90

■ 7C7E90

■ 6E7190

■ 8A8B90

■ 5F6490

■ 999890

■ 515790

■ A7A590

■ 424A90

■ B6B290

■ 343D90

■ C4BF90

■ 263090

■ D2CC90

■ 172390

■ E1D990

■ 091690

■ EFE690

■ 000E90

■ FEF390

Harmonies

Analogous

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



718190



7C7E90



877B8B

Triad

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



7C7E90



907A72



6D847B

Complementary

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



7C7E90



908E7C

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.



768373



7C7E90



8A7D6E

Square

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



7C7E90



92797A



81806E



688484

Rectangle

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



7C7E90



8D7A86



81806E



708478

Sweetspot

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



7C7E90



B3B3BA



7C908E



5A5A5E



DEDEDE



5E5E5E

Same Dimension

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



7C7E90



9B9EBA



847C90



404147



000E87



000108

Inverse Universe

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



907C7E



BA9B9E



88907C



474041



87000E



080001

Previews

White Background



This preview shows how the Hex color 7C7E90 looks on a white background.

Color Contrast Check

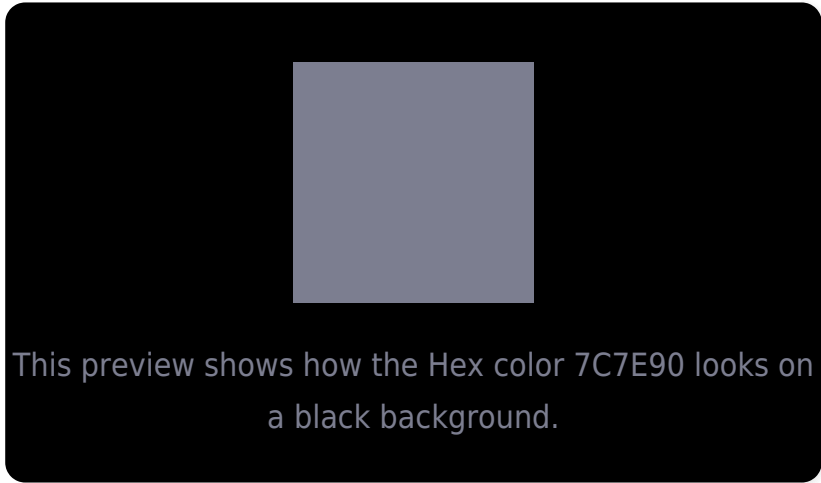
Large Text (above 18pt) WCAG AA ✓ Pass

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

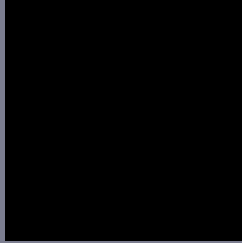
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

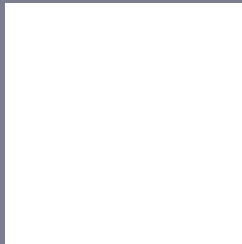
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7C7E90 Background



This preview shows how black text looks on a background with the Hex color 7C7E90.



This preview shows how white text looks on a background with the Hex color 7C7E90.

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

7C7E90

Protanopia

7C7E90

Deuteranopia

837C90



Tritanopia
7B7F89

Trichromacy



Original Color

7C7E90

Protanomaly

7C7E90

Deuteranomaly

807D90

Tritanomaly

7B7F8C

Monochromacy



Original Color

7C7E90

Achromatopsia

7F7F7F

Achromatomaly

7E7F85

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C7E90 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 #7C7E90 looks like.

```
.text, #text, p{  
    color:#7C7E90  
}
```

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 #7C7E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C7E90
}
```

Border

The CSS property to change the border of an element to Hex 7C7E90 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
#7C7E90 }
```

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

```
.border{ border-color:#7C7E90 }
```

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

Here you see how a box with a 4 pixel #7C7E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C7E90; -webkit-box-shadow:4px 4px  
4px 4px #7C7E90; box-shadow:4px 4px 4px  
4px #7C7E90 }
```

Background

The CSS property to change the background color of an element to Hex 7C7E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C7E90 }
```

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

```
.background{ background-color:#7C7E90 }
```

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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