

# Converting Colors

Hex(787D97)

Have a look what the booklet for  
Hex(787D97) contains.

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# Color

Hex(787D97)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 787D97                     |
| RGB           | 120, 125, 151              |
| RGB Percent   | 47%, 49%, 59%              |
| CMY           | 0.5294, 0.5098, 0.4078     |
| CMYK          | 0.21, 0.17, 0.00, 0.41     |
| HSL           | 230°, 13%, 53%             |
| HSV           | 230°, 21%, 59%             |
| XYZ           | 20.6653, 20.8947, 32.2221  |
| YIQ           | 126.4690, -11.3260, 7.0260 |

# Conversions

## Conversions Part 2

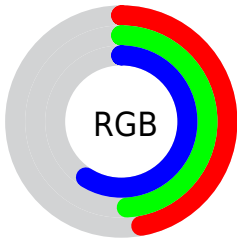
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">120, 124, 151</a>                                |
| Decimal                             | <a href="#">7896471</a>                                      |
| CIELab                              | <a href="#">52.83, 3.96, -14.60</a>                          |
| CIELCh                              | <a href="#">53, 15.127, 285.170</a>                          |
| Yxy                                 | <a href="#">20.8947, 0.2801, 0.2832</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4286086551</a><br>( <a href="#">0xFF787D97</a> ) |
| YUV                                 | <a href="#">126.4690, 12.0938, -5.6733</a>                   |
| Hunter-Lab                          | <a href="#">45.7107, 0.7040, -9.7968</a>                     |

# Details

The Hex color **787D97** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **979278**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **ADB2CD**, and **474C64** is the 20% darker color. If you saturate the color by 10%, you get **697097**, and if you desaturate by 10%, it is **878A97**.

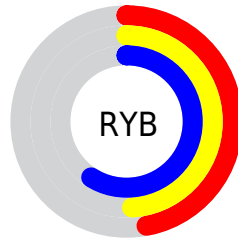
# Distribution



Red (47%)

Green (49%)

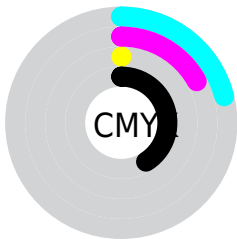
Blue (59%)



Red (47%)

Yellow (49%)

Blue (59%)

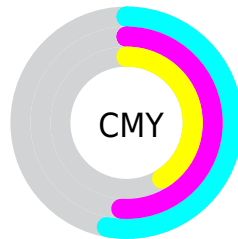


Cyan (21%)

Magenta (17%)

Yellow (0%)

Black (41%)



Cyan (53%)

Magenta (51%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 787D97 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 787D97 by changing the saturation by 10% instead.





787D97



787D97

FFFFFF



5F647D



ADB2CD



474C64



C8CDE9



30364C



E4E9FF



1A2035



030920



000005



000000



787D97



787D97



697097



878A97

■ 5A6497

■ 969697

■ 4B5797

■ A5A397

■ 3C4A97

■ B4B097

■ 2D3E97

■ C4BC97

■ 1D3197

■ D3C997

■ 0E2497

■ E2D697

■ 001897

■ F1E297

■ FFEF97

# Harmonies

## Analogous

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



678197



787D97



887990

# Triad

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



787D97



97776C



658577

# Complementary

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



787D97



979278

# 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.



72836C



787D97



8E7B65

# Square

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



787D97



997578



817F65



5C8684

# Rectangle

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



787D97



917689



817F65



698573

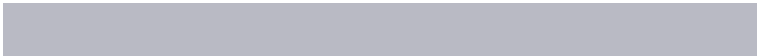


# Sweetspot

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



787D97



B9BAC4



789792



5C5E63



E3E3E3



636363



# Same Dimension

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



787D97



939BC4



827897



45464D



00178C



00020D



# Inverse Universe

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



97787D



C4939B



8D9778



4D4546



8C0017

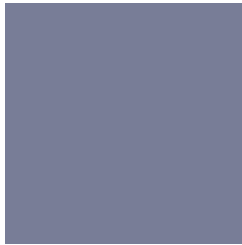


0D0002



# Previews

## White Background



This preview shows how the Hex color 787D97 looks on a white background.

## Color Contrast Check

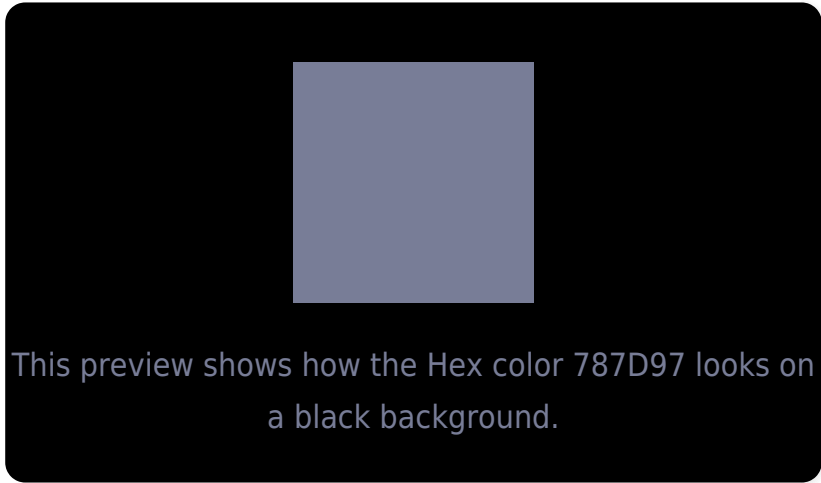
Large Text (above 18pt) WCAG AA ✓ Pass

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

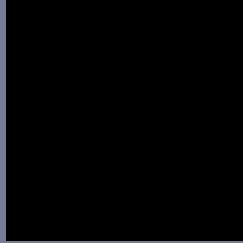
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

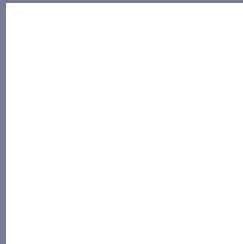
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 787D97 Background



This preview shows how black text looks on a background with the Hex color 787D97.



This preview shows how white text looks on a background with the Hex color 787D97.

# 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**

787D97

**Protanopia**

787D97

**Deuteranopia**

7E7B97



**Tritanopia**  
757F89

# Trichromacy



**Original Color**

787D97

**Protanomaly**

787D97

**Deuteranomaly**

7C7C97

**Tritanomaly**

767E8E

# Monochromacy



**Original Color**

787D97

**Achromatopsia**

7E7E7E

**Achromatomaly**

7C7E87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 787D97 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 #787D97 looks like.

```
.text, #text, p{  
    color:#787D97  
}
```

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 #787D97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787D97  
}
```

## Border

The CSS property to change the border of an element to Hex 787D97 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  
#787D97 }
```

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

```
.border{ border-color:#787D97 }
```

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

Here you see how a box with a 4 pixel #787D97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787D97; -webkit-box-shadow:4px 4px  
4px 4px #787D97; box-shadow:4px 4px 4px  
4px #787D97 }
```

# Background

The CSS property to change the background color of an element to Hex 787D97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787D97 }
```

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

```
.background{ background-color:#787D97 }
```

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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