

Converting Colors

Hex(787B9F)

Have a look what the booklet for
Hex(787B9F) contains.

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Color

Hex(787B9F)

Conversions

Conversions Part 1

Format	Color
Hex	787B9F
RGB	120, 123, 159
RGB Percent	47%, 48%, 62%
CMY	0.5294, 0.5176, 0.3765
CMYK	0.25, 0.23, 0.00, 0.38
HSL	235°, 17%, 55%
HSV	235°, 25%, 62%
XYZ	21.0867, 20.6622, 35.6777
YIQ	126.2070, -13.3440, 10.5600

Conversions

Conversions Part 2

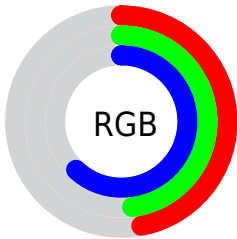
Format	Color
R_{YB}	120, 123, 159
Decimal	7895967
CIE _{Lab}	52.58, 7.09, -19.64
CIE _{LCh}	53, 20.886, 289.852
Yxy	20.6622, 0.2723, 0.2669
Android (android.graphics.Color)	4286086047 (0xFF787B9F)
YUV	126.2070, 16.1669, -5.4435
Hunter-Lab	45.4557, 3.2579, -14.7171

Details

The Hex color **787B9F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9F9C78**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **ADAFD6**, and **464A6B** is the 20% darker color. If you saturate the color by 10%, you get **686C9F**, and if you desaturate by 10%, it is **888A9F**.

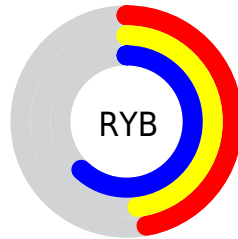
Distribution



Red (47%)

Green (48%)

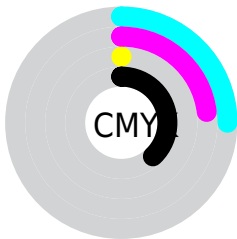
Blue (62%)



Red (47%)

Yellow (48%)

Blue (62%)

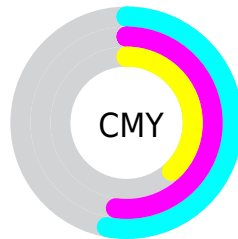


Cyan (25%)

Magenta (23%)

Yellow (0%)

Black (38%)



Cyan (53%)

Magenta (52%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 787B9F 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 787B9F by changing the saturation by 10% instead.

■ 787B9F

■ 787B9F

FFFFFF

■ 5F6285

■ ADAFD6

■ 464A6B

■ C8CBF2

■ 2F3453

■ E5E7FF

■ 181F3C

■ 020626

■ 000110

■ 000000

■ 787B9F

■ 787B9F

■ 686C9F

■ 888A9F

■ 585E9F

■ 98989F

■ 484F9F

■ A8A79F

■ 38409F

■ B8B69F

■ 28329F

■ C8C49F

■ 19239F

■ D7D39F

■ 09149F

■ E7E29F

■ 000C9F

■ F7F09F

■ FFFF9F

Harmonies

Analogous

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



5F81A0



787B9F



8E7595

Triad

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



787B9F



9D7463



568777

Complementary

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



787B9F



9F9C78

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.



6A8566



787B9F



907A5A

Square

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



787B9F



A27172



7E805C



498789

Rectangle

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



787B9F



99728A



7E805C



5C8771

Sweetspot

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



787B9F



C0C1CF



789F9C



606169



E8E8E8



696969

Same Dimension

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



787B9F



9397CF



88789F



47484F



000B8F



00010F

Inverse Universe

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



9F787B



CF9397



8F9F78



4F4748



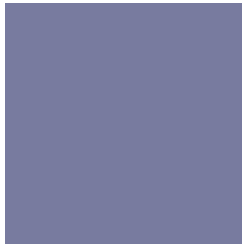
8F000B



0F0001

Previews

White Background



This preview shows how the Hex color 787B9F looks on a white background.

Color Contrast Check

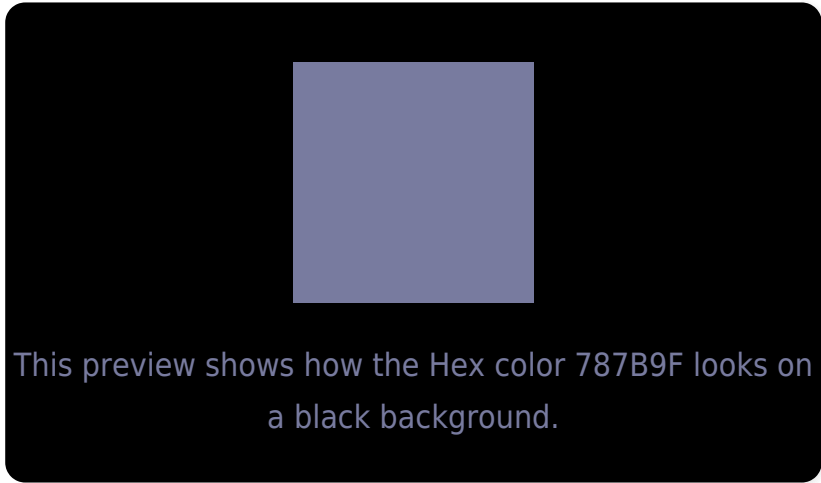
Large Text (above 18pt) WCAG AA ✓ Pass

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

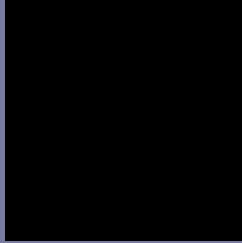
Any Text WCAG AA ✓ Pass

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 787B9F Background



This preview shows how black text looks on a background with the Hex color 787B9F.



This preview shows how white text looks on a background with the Hex color 787B9F.

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
787B9F

Protanopia
747CA0

Deuteranopia
787B9F



Tritanopia
747F89

Trichromacy



Original Color
787B9F

Protanomaly
757CA0

Deuteranomaly
787B9F

Tritanomaly
757E91

Monochromacy



Original Color
787B9F

Achromatopsia
7E7E7E

Achromatomaly
7C7D8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 787B9F 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 #787B9F looks like.

```
.text, #text, p{  
    color:#787B9F  
}
```

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 #787B9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787B9F
}
```

Border

The CSS property to change the border of an element to Hex 787B9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

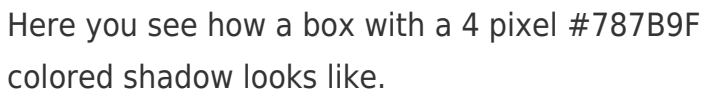
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#787B9F }
```

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

```
.border{ border-color:#787B9F }
```

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



Here you see how a box with a 4 pixel `#787B9F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787B9F; -webkit-box-shadow:4px 4px  
4px 4px #787B9F; box-shadow:4px 4px 4px  
4px #787B9F }
```

Background

The CSS property to change the background color of an element to Hex 787B9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787B9F }
```

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

```
.background{ background-color:#787B9F }
```

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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