

Converting Colors

Hex(787F96)

Have a look what the booklet for
Hex(787F96) contains.

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Color

Hex(787F96)

Conversions

Conversions Part 1

Format	Color
Hex	787F96
RGB	120, 127, 150
RGB Percent	47%, 50%, 59%
CMY	0.5294, 0.5020, 0.4118
CMYK	0.20, 0.15, 0.00, 0.41
HSL	226°, 13%, 53%
HSV	226°, 20%, 59%
XYZ	20.8401, 21.3738, 31.8813
YIQ	127.5290, -11.5550, 5.6690

Conversions

Conversions Part 2

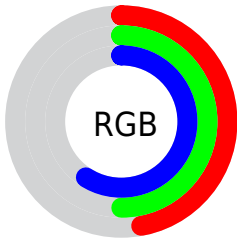
Format	Color
R_{YB}	120, 126, 150
Decimal	7896982
CIE Lab	53.36, 2.55, -13.23
CIE LCh	53, 13.472, 280.924
Yxy	21.3738, 0.2813, 0.2885
Android (android.graphics.Color)	4286087062 (0xFF787F96)
YUV	127.5290, 11.0782, -6.6029
Hunter-Lab	46.2318, -0.4425, -8.5239

Details

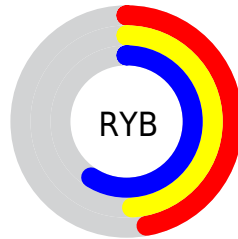
The Hex color **787F96** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **968F78**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **ADB4CC**, and **474E63** is the 20% darker color. If you saturate the color by 10%, you get **697496**, and if you desaturate by 10%, it is **878B96**.

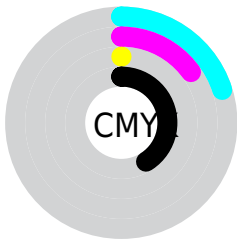
Distribution



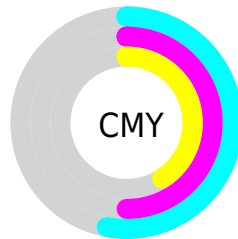
- Red (47%)
- Green (50%)
- Blue (59%)



- Red (47%)
- Yellow (49%)
- Blue (59%)



- Cyan (20%)
- Magenta (15%)
- Yellow (0%)
- Black (41%)



- Cyan (53%)
- Magenta (50%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 787F96 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 787F96 by changing the saturation by 10% instead.

■ 787F96

■ 787F96

FFFFFF

■ 5F667C

■ ADB4CC

■ 474E63

■ C8CFE8

■ 30374B

■ E4EBFF

■ 1A2235

■ 030C1F

■ 000004

■ 000000

■ 787F96

■ 787F96

■ 697496

■ 878B96

■ 5A6896

■ 969696

■ 4B5D96

■ A5A296

■ 3C5196

■ B4AD96

■ 2D4696

■ C3B996

■ 1E3A96

■ D2C496

■ 0F2F96

■ E1D096

■ 002396

■ F0DB96

■ FFE796

Harmonies

Analogous

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



6A8395



787F96



877B91

Triad

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



787F96



967971



6A8677

Complementary

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



787F96



968F78

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.



77836E



787F96



8F7C6A

Square

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



787F96



98777C



848069



628683

Rectangle

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



787F96



8F798B



848069



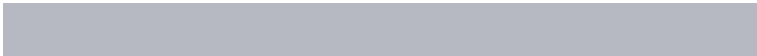
6E8574

Sweetspot

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



787F96



B6B9C2



78968F



5A5C61



E0E0E0



616161

Same Dimension

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



787F96



939EC2



807896



43444A



00208A



00020A

Inverse Universe

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



96787F



C2939E



8E9678



4A4344



8A0020



0A0002

Previews

White Background



This preview shows how the Hex color 787F96 looks on a white background.

Color Contrast Check

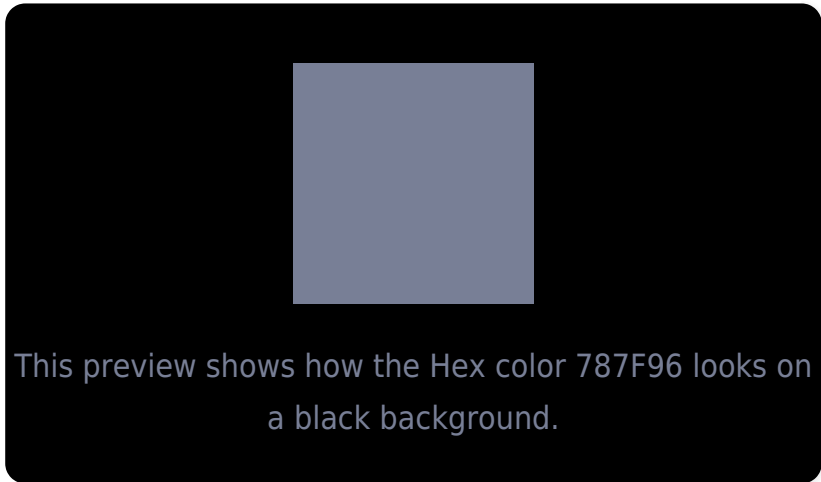
Large Text (above 18pt) WCAG AA ✓ Pass

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

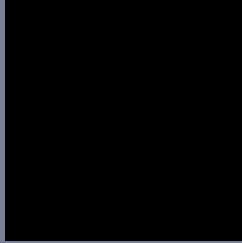
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

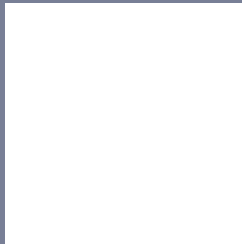
Any Text WCAG AAA × Fail

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

Hex 787F96 Background



This preview shows how black text looks on a background with the Hex color 787F96.

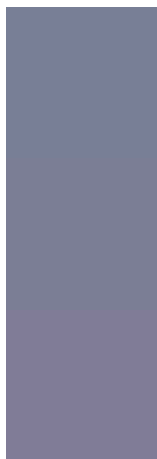


This preview shows how white text looks on a background with the Hex color 787F96.

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

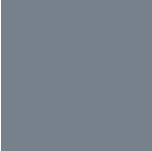
787F96

Protanopia

7B7E95

Deuteranopia

807C97



Tritanopia
76818B

Trichromacy



Original Color
787F96

Protanomaly
7A7E95

Deuteranomaly
7D7D97

Tritanomaly
77808F

Monochromacy



Original Color
787F96

Achromatopsia
808080

Achromatomaly
7D8088

CSS Examples

Text

The CSS property to change the color of the text to Hex 787F96 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 #787F96 looks like.

```
.text, #text, p{  
    color:#787F96  
}
```

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 #787F96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787F96
}
```

Border

The CSS property to change the border of an element to Hex 787F96 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
#787F96 }
```

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

```
.border{ border-color:#787F96 }
```

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

Here you see how a box with a 4 pixel #787F96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787F96; -webkit-box-shadow:4px 4px  
4px 4px #787F96; box-shadow:4px 4px 4px  
4px #787F96 }
```

Background

The CSS property to change the background color of an element to Hex 787F96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787F96 }
```

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

```
.background{ background-color:#787F96 }
```

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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