

Converting Colors

Hex(71877B)

Have a look what the booklet for
Hex(71877B) contains.

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Color

Hex(71877B)

Conversions

Conversions Part 1

Format	Color
Hex	71877B
RGB	113, 135, 123
RGB Percent	44%, 53%, 48%
CMY	0.5569, 0.4706, 0.5176
CMYK	0.16, 0.00, 0.09, 0.47
HSL	147°, 9%, 49%
HSV	147°, 16%, 53%
XYZ	19.0492, 22.2687, 22.0332
YIQ	127.0540, -9.2600, -8.3960

Conversions

Conversions Part 2

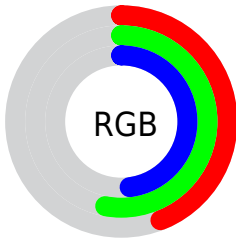
Format	Color
RYB	113, 128, 135
Decimal	7440251
CIELab	54.31, -10.46, 3.81
CIElCh	54, 11.130, 159.996
Yxy	22.2687, 0.3007, 0.3515
Android (android.graphics.Color)	4285630331 (0xFF71877B)
YUV	127.0540, -1.9986, -12.3254
Hunter-Lab	47.1897, -10.5266, 5.3499

Details

The Hex color **71877B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **87717D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **A5BCAF**, and **41554A** is the 20% darker color. If you saturate the color by 10%, you get **638774**, and if you desaturate by 10%, it is **7F8782**.

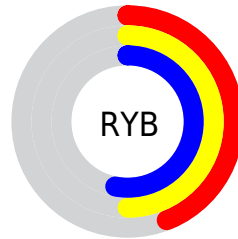
Distribution



Red (44%)

Green (53%)

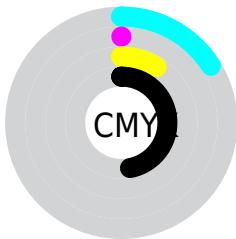
Blue (48%)



Red (44%)

Yellow (50%)

Blue (53%)

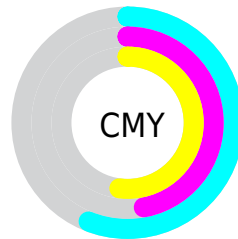


Cyan (16%)

Magenta (0%)

Yellow (9%)

Black (47%)



Cyan (56%)

Magenta (47%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71877B 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 71877B by changing the saturation by 10% instead.



71877B



71877B

FFFFFF



586E62



A5BCAF



41554A



C0D8CB



2A3E34



DCF4E7



15281F



F9FFFF



001406



000000



71877B



71877B



638774



7F8782



56876C



8C878A

■ 498765

■ 9A8791

■ 3B875E

■ A78798

■ 2D8756

■ B587A0

■ 20874F

■ C287A7

■ 128747

■ D087AF

■ 058740

■ DD87B6

■ 00873D

■ EB87BD

Harmonies

Analogous

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



7B8573



71877B



6A8885

Triad

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



71877B



7C8295



957C76

Complementary

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



71877B



87717D

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.



967B7F



71877B



887E91

Square

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



71877B



708594



917C89



907F70

Rectangle

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



71877B



69878B



917C89



967C79

Sweetspot

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



71877B



A7B0AB



7D8771



545956



D9D9D9



595959

Same Dimension

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



71877B



8DB09D



718786



3C423F



00823B



000301

Inverse Universe

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



87717D



B08DA0



877172



423C3F



820047



030001

Previews

White Background



This preview shows how the Hex color 71877B looks on a white background.

Color Contrast Check

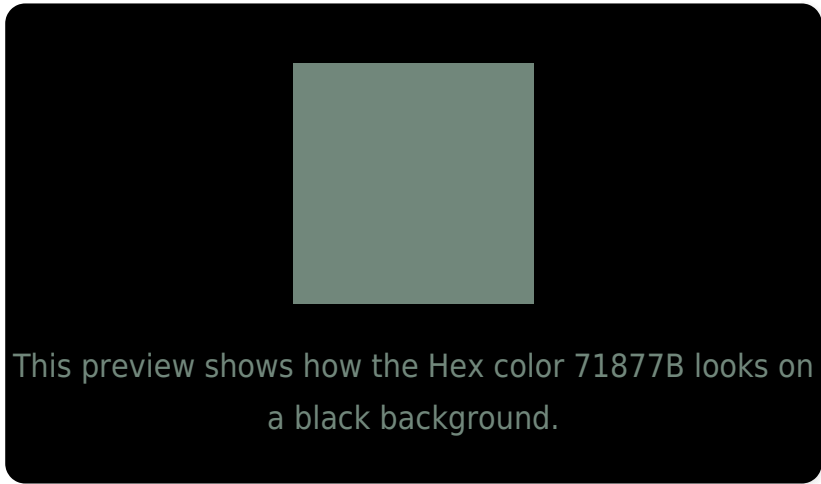
Large Text (above 18pt) WCAG AA ✓ Pass

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

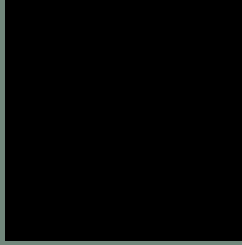
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

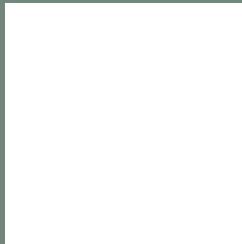
Any Text WCAG AAA × Fail

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

Hex 71877B Background



This preview shows how black text looks on a background with the Hex color 71877B.

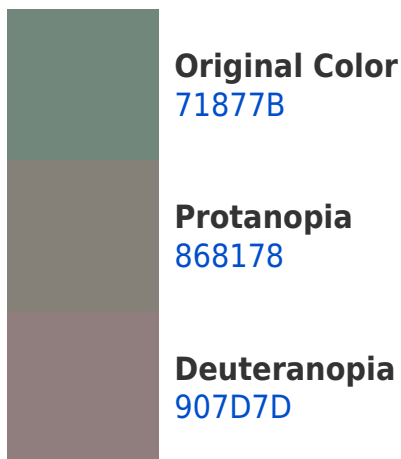


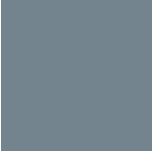
This preview shows how white text looks on a background with the Hex color 71877B.

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





Tritanopia
74848F

Trichromacy



Original Color
71877B

Protanomaly
7E8379

Deuteranomaly
85817C

Tritanomaly
738588

Monochromacy



Original Color
71877B

Achromatopsia
7F7F7F

Achromatomaly
7A827E

CSS Examples

Text

The CSS property to change the color of the text to Hex 71877B 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 #71877B looks like.

```
.text, #text, p{  
    color:#71877B  
}
```

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 #71877B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71877B
}
```

Border

The CSS property to change the border of an element to Hex 71877B 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
#71877B }
```

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

```
.border{ border-color:#71877B }
```

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

Here you see how a box with a 4 pixel #71877B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71877B; -webkit-box-shadow:4px 4px  
4px 4px #71877B; box-shadow:4px 4px 4px  
4px #71877B }
```

Background

The CSS property to change the background color of an element to Hex 71877B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71877B }
```

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

```
.background{ background-color:#71877B }
```

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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