

Converting Colors

Hex(687B8E)

Have a look what the booklet for
Hex(687B8E) contains.

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Color

Hex(687B8E)

Conversions

Conversions Part 1

Format	Color
Hex	687B8E
RGB	104, 123, 142
RGB Percent	41%, 48%, 56%
CMY	0.5922, 0.5176, 0.4431
CMYK	0.27, 0.13, 0.00, 0.44
HSL	210°, 15%, 48%
HSV	210°, 27%, 56%
XYZ	17.6744, 19.0620, 28.3390
YIQ	119.4850, -17.4230, 1.8810

Conversions

Conversions Part 2

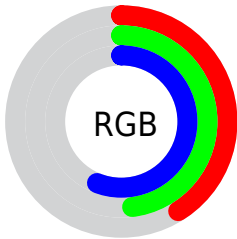
Format	Color
RYB	104, 117, 142
Decimal	6847374
CIELab	50.76, -2.37, -12.59
CIElCh	51, 12.812, 259.353
Yxy	19.0620, 0.2716, 0.2929
Android (android.graphics.Color)	4285037454 (0xFF687B8E)
YUV	119.4850, 11.0999, -13.5803
Hunter-Lab	43.6600, -4.1450, -7.9221

Details

The Hex color **687B8E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8E7B68**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **9CAFC4**, and **384A5C** is the 20% darker color. If you saturate the color by 10%, you get **5A748E**, and if you desaturate by 10%, it is **76828E**.

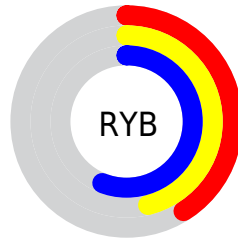
Distribution



Red (41%)

Green (48%)

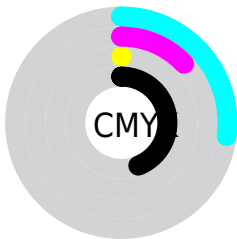
Blue (56%)



Red (41%)

Yellow (46%)

Blue (56%)

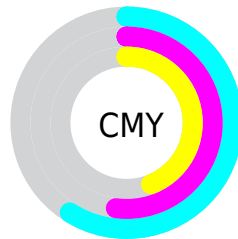


Cyan (27%)

Magenta (13%)

Yellow (0%)

Black (44%)



Cyan (59%)

Magenta (52%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 687B8E 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 687B8E by changing the saturation by 10% instead.



687B8E



687B8E

FFFFFF



4F6274



9CAFC4



384A5C



B7CBE0



213444



D3E7FC



0A1F2E



FFFFFF



00061A



000000



687B8E



687B8E



5A748E



76828E



4C6D8E



84898E

■ 3D668E

■ 93908E

■ 2F5F8E

■ A1978E

■ 21588E

■ AF9F8E

■ 13508E

■ BDA68E

■ 05498E

■ CBAD8E

■ 00478E

■ DAB48E

■ E8BB8E

Harmonies

Analogous

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



5E7E89



687B8E



76778D

Triad

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



687B8E



907172



6D7D6A

Complementary

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



687B8E



8E7B68

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.



7A7A64



687B8E



8D7369

Square

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



687B8E



8D727D



857764



627F74

Rectangle

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



687B8E



7F758A



857764



727C68

Sweetspot

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



687B8E



A9B0B8



688E7B



53575C



DBDBDB



5C5C5C

Same Dimension

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



687B8E



7D9AB8



68688E



404447



004487



000408

Inverse Universe

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



8E687B



B87D9A



8E8E68



474044



870044



080004

Previews

White Background



This preview shows how the Hex color 687B8E 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

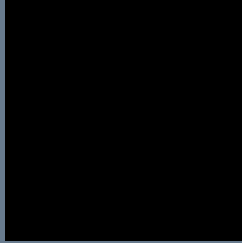
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

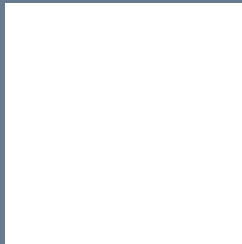
Any Text WCAG AAA × Fail

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

Hex 687B8E Background



This preview shows how black text looks on a background with the Hex color 687B8E.

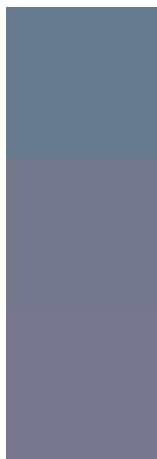


This preview shows how white text looks on a background with the Hex color 687B8E.

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
687B8E

Protanopia
75788C

Deuteranopia
79768F



Tritanopia
667C86

Trichromacy



Original Color
687B8E

Protanomaly
70798D

Deuteranomaly
73788F

Tritanomaly
677C89

Monochromacy



Original Color
687B8E

Achromatopsia
777777

Achromatomaly
72787F

CSS Examples

Text

The CSS property to change the color of the text to Hex 687B8E 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 #687B8E looks like.

```
.text, #text, p{  
    color:#687B8E  
}
```

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 #687B8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687B8E
}
```

Border

The CSS property to change the border of an element to Hex 687B8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

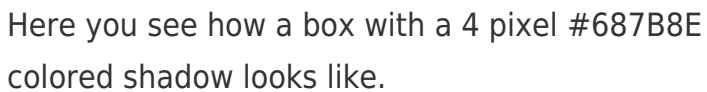
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#687B8E }
```

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

```
.border{ border-color:#687B8E }
```

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

A rectangular box with a 4px blue shadow. The box is white with a thin blue border and a blue shadow that is 4 pixels wide and 4 pixels high, offset to the right and bottom. The shadow is a darker shade of blue.

Here you see how a box with a 4 pixel #687B8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687B8E; -webkit-box-shadow:4px 4px  
4px 4px #687B8E; box-shadow:4px 4px 4px  
4px #687B8E }
```

Background

The CSS property to change the background color of an element to Hex 687B8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687B8E }
```

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

```
.background{ background-color:#687B8E }
```

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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