

Converting Colors

Hex(67687E)

Have a look what the booklet for
Hex(67687E) contains.

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Color

Hex(67687E)

Conversions

Conversions Part 1

Format	Color
Hex	67687E
RGB	103, 104, 126
RGB Percent	40%, 41%, 49%
CMY	0.5961, 0.5922, 0.5059
CMYK	0.18, 0.17, 0.00, 0.51
HSL	237°, 10%, 45%
HSV	237°, 18%, 49%
XYZ	14.3097, 14.2906, 21.7428
YIQ	106.2090, -7.6580, 6.6300

Conversions

Conversions Part 2

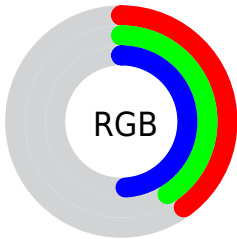
Format	Color
R_{YB}	103, 104, 126
Decimal	6776958
CIE _{Lab}	44.65, 4.58, -12.34
CIE _{LCh}	45, 13.161, 290.379
Yxy	14.2906, 0.2842, 0.2839
Android (android.graphics.Color)	4284967038 (0xFF67687E)
YUV	106.2090, 9.7570, -2.8143
Hunter-Lab	37.8028, 1.4136, -7.6394

Details

The Hex color **67687E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E7D67**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9A9BB3**, and **38394D** is the 20% darker color. If you saturate the color by 10%, you get **5A5C7E**, and if you desaturate by 10%, it is **74747E**.

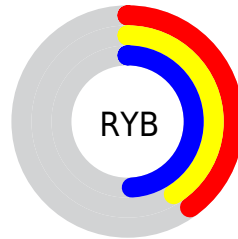
Distribution



Red (40%)

Green (41%)

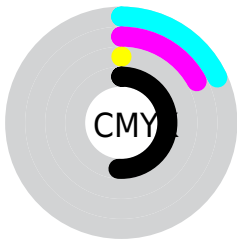
Blue (49%)



Red (40%)

Yellow (41%)

Blue (49%)

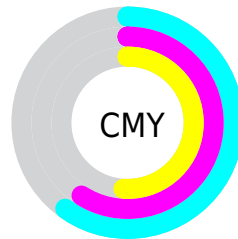


Cyan (18%)

Magenta (17%)

Yellow (0%)

Black (51%)



Cyan (60%)

Magenta (59%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67687E 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 67687E by changing the saturation by 10% instead.



67687E



67687E

FFFFFF



4F5065



9A9BB3



38394D



B5B6CE



222436



D1D1EA



0D0E21



EDEEFF



000008



000000



67687E



67687E



5A5C7E



74747E



4E507E



80807E

41447E

8D8C7E

35387E

99987E

282C7E

A6A47E

1B207E

B3B07E

0F147E

BFBC7E

02087E

CCC87E

00057E

D8D47E

Harmonies

Analogous

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



596C7F



67687E



746478

Triad

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



67687E



7E6459



527066

Complementary

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



67687E



7E7D67

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.



5E6E5B



67687E



766854

Square

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



67687E



816262



6A6B55



4C7071

Rectangle

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



67687E



7B6371



6A6B55



566F62

Sweetspot

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



67687E



9B9BA3



677E7D



4D4D52



D1D1D1



525252

Same Dimension

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



67687E



7F81A3



71677E



393A40



000680



000000

Inverse Universe

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



7E6768



A37F81



747E67



40393A



800006



000000

Previews

White Background



This preview shows how the Hex color 67687E looks on a white background.

Color Contrast Check

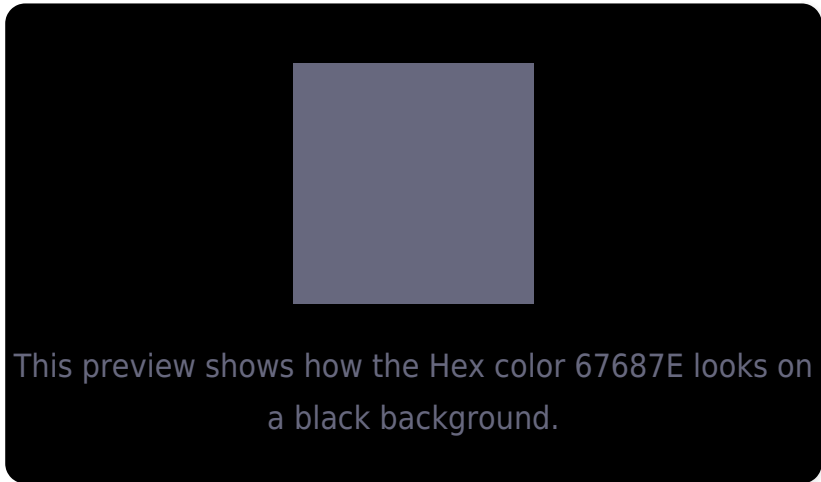
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

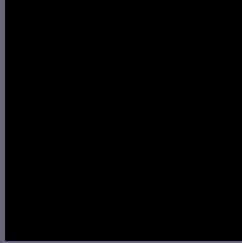
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

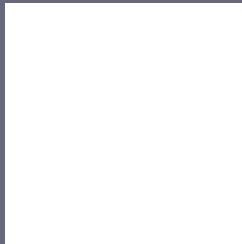
Any Text WCAG AAA × Fail

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

Hex 67687E Background



This preview shows how black text looks on a background with the Hex color 67687E.



This preview shows how white text looks on a background with the Hex color 67687E.

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
67687E

Protanopia
65697E

Deuteranopia
6A677E



Tritanopia
656A72

Trichromacy



Original Color
67687E

Protanomaly
66697E

Deuteranomaly
69677E

Tritanomaly
666976

Monochromacy



Original Color
67687E

Achromatopsia
6A6A6A

Achromatomaly
696971

CSS Examples

Text

The CSS property to change the color of the text to Hex 67687E 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 #67687E looks like.

```
.text, #text, p{  
  color:#67687E  
}
```

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 #67687E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67687E
}
```

Border

The CSS property to change the border of an element to Hex 67687E is called "border". The border property can be set on classes, ids or directly on the HTML element.

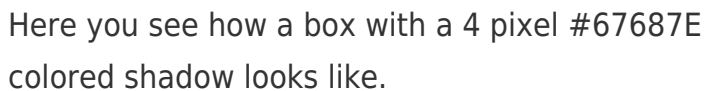
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67687E }
```

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

```
.border{ border-color:#67687E }
```

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



Here you see how a box with a 4 pixel #67687E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67687E; -webkit-box-shadow:4px 4px  
4px 4px #67687E; box-shadow:4px 4px 4px  
4px #67687E }
```

Background

The CSS property to change the background color of an element to Hex 67687E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67687E }
```

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

```
.background{ background-color:#67687E }
```

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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