

Converting Colors

Hex(66787C)

Have a look what the booklet for
Hex(66787C) contains.

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Color

Hex(66787C)

Conversions

Conversions Part 1

Format	Color
Hex	66787C
RGB	102, 120, 124
RGB Percent	40%, 47%, 49%
CMY	0.6000, 0.5294, 0.5137
CMYK	0.18, 0.03, 0.00, 0.51
HSL	191°, 10%, 44%
HSV	191°, 18%, 49%
XYZ	15.8341, 17.7130, 21.6532
YIQ	115.0740, -12.0120, -2.5720

Conversions

Conversions Part 2

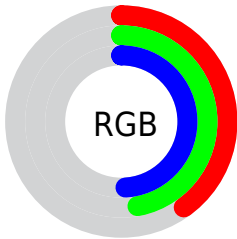
Format	Color
RYB	102, 112, 124
Decimal	6715516
CIELab	49.15, -5.68, -4.42
CIELCh	49, 7.198, 217.866
Yxy	17.7130, 0.2868, 0.3209
Android (android.graphics.Color)	4284905596 (0xFF66787C)
YUV	115.0740, 4.4005, -11.4659
Hunter-Lab	42.0868, -6.4959, -1.0433

Details

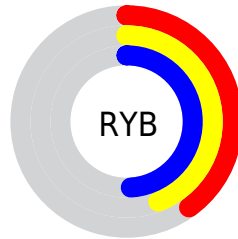
The Hex color **66787C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7C6A66**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **99ACB0**, and **37484B** is the 20% darker color. If you saturate the color by 10%, you get **5A767C**, and if you desaturate by 10%, it is **727A7C**.

Distribution



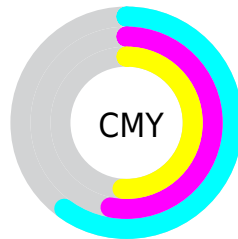
- Red (40%)
- Green (47%)
- Blue (49%)



- Red (40%)
- Yellow (44%)
- Blue (49%)



- Cyan (18%)
- Magenta (3%)
- Yellow (0%)
- Black (51%)



- Cyan (60%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66787C 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 66787C by changing the saturation by 10% instead.



66787C



66787C

FFFFFF



4E5F63



99ACB0



37484B



B4C8CC



213135



D0E4E8



0C1C1F



ECFFFF



000007



000000



66787C



66787C



5A767C



727A7C



4D737C



7F7D7C

41717C

8B7F7C

346F7C

98817C

286D7C

A4837C

1C6A7C

B0867C

0F687C

BD887C

03667C

C98A7C

00657C

D68C7C

Harmonies

Analogous

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



667876



66787C



6A7780

Triad

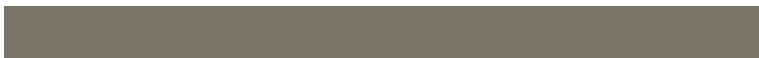
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66787C



7E717A



787569

Complementary

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



66787C



7C6A66

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.



7E736A



66787C



827173

Square

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



66787C



78737E



82716E



71776B

Rectangle

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



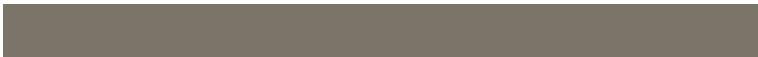
66787C



6E7581



82716E



7A7469

Sweetspot

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



66787C



999FA1



667C6A



4D5152



D1D1D1



525252

Same Dimension

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



66787C



7F9BA1



666D7C



373C3D



00667D



00CFFC

Inverse Universe

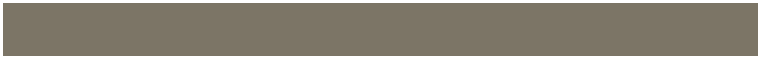
The Inverse Universe completely reimagines the original color for something new.



7C6678



A17F9B



7C7566



3D373C



7D0066



FC00CF

Previews

White Background



This preview shows how the Hex color 66787C looks on a white background.

Color Contrast Check

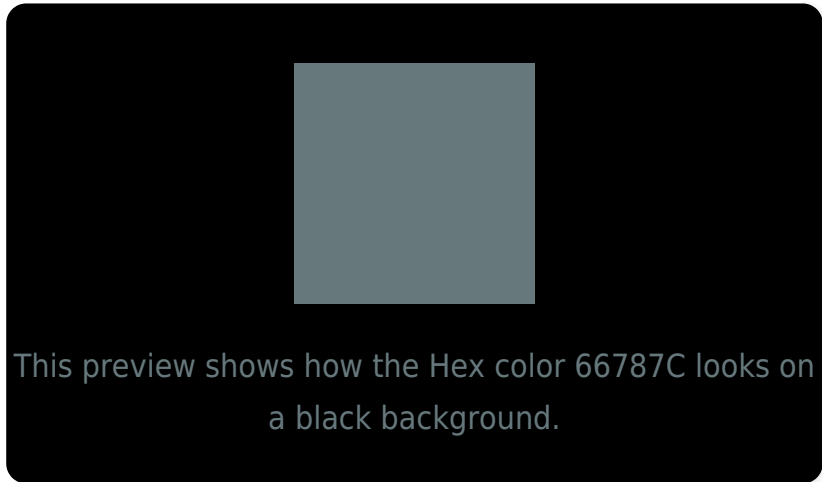
Large Text (above 18pt) WCAG AA ✓ Pass

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

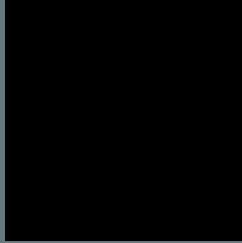
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

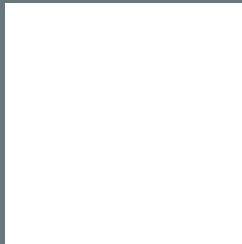
Any Text WCAG AAA × Fail

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

Hex 66787C Background



This preview shows how black text looks on a background with the Hex color 66787C.



This preview shows how white text looks on a background with the Hex color 66787C.

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
66787C

Protanopia
75747A

Deuteranopia
7C717D



Tritanopia
677781

Trichromacy



Original Color
66787C

Protanomaly
70757B

Deuteranomaly
74747D

Tritanomaly
67777F

Monochromacy



Original Color
66787C

Achromatopsia
737373

Achromatomaly
6E7576

CSS Examples

Text

The CSS property to change the color of the text to Hex 66787C 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 #66787C looks like.

```
.text, #text, p{  
    color:#66787C  
}
```

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 #66787C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66787C
}
```

Border

The CSS property to change the border of an element to Hex 66787C is called "border". The border property can be set on classes, ids or directly on the HTML element.

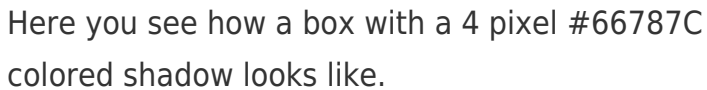
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66787C }
```

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

```
.border{ border-color:#66787C }
```

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



Here you see how a box with a 4 pixel #66787C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66787C; -webkit-box-shadow:4px 4px  
4px 4px #66787C; box-shadow:4px 4px 4px  
4px #66787C }
```

Background

The CSS property to change the background color of an element to Hex 66787C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66787C }
```

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

```
.background{ background-color:#66787C }
```

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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