

Converting Colors

Hex(6D777E)

Have a look what the booklet for
Hex(6D777E) contains.

Hex(6D777E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6D777E)

Conversions

Conversions Part 1

Format	Color
Hex	6D777E
RGB	109, 119, 126
RGB Percent	43%, 47%, 49%
CMY	0.5725, 0.5333, 0.5059
CMYK	0.13, 0.06, 0.00, 0.51
HSL	205°, 7%, 46%
HSV	205°, 13%, 49%
XYZ	16.6694, 17.9512, 22.3250
YIQ	116.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

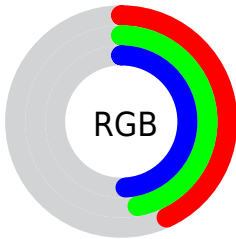
Format	Color
R_{YB}	109, 115, 126
Decimal	7174014
CIE Lab	49.44, -2.18, -5.11
CIE LCh	49, 5.558, 246.898
Yxy	17.9512, 0.2927, 0.3152
Android (android.graphics.Color)	4285364094 (0xFF6D777E)
YUV	116.8080, 4.5317, -6.8476
Hunter-Lab	42.3689, -3.9174, -1.5829

Details

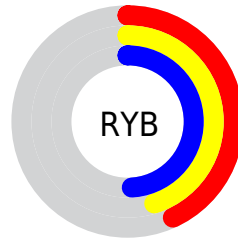
The Hex color **6D777E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E746D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A1ABB3**, and **3D474D** is the 20% darker color. If you saturate the color by 10%, you get **60727E**, and if you desaturate by 10%, it is **7A7C7E**.

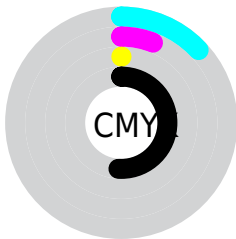
Distribution



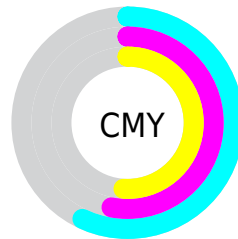
- Red (43%)
- Green (47%)
- Blue (49%)



- Red (43%)
- Yellow (45%)
- Blue (49%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (51%)



- Cyan (57%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D777E 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 6D777E by changing the saturation by 10% instead.

■ 6D777E

■ 6D777E

FFFFFF

■ 555E65

■ A1ABB3

■ 3D474D

■ BCC6CE

■ 273036

■ D7E2EA

■ 131C21

■ F4FFFF

■ 00000A

■ 000000

■ 6D777E

■ 6D777E

■ 60727E

■ 7A7C7E

■ 546D7E

■ 86817E

47677E

93877E

3B627E

9F8C7E

2E5D7E

AC917E

21587E

B9967E

15537E

C59B7E

084D7E

D2A17E

004A7E

DEA67E

Harmonies

Analogous

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



6A787B



6D777E



72767F

Triad

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



6D777E



807275



73776E

Complementary

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



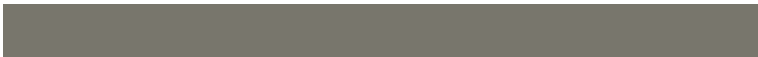
6D777E



7E746D

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.



78766C



6D777E



807370

Square

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



6D777E



7D7379



7D746D



6E7872

Rectangle

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



6D777E



76747E



7D746D



75776D

Sweetspot

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



6D777E



9DA1A3



6D7E74



4E5052



D1D1D1



525252

Same Dimension

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



6D777E



8998A3



6D6F7E



393D40



004B80



000000

Inverse Universe

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



7E6D77



A38998



7E7C6D



40393D



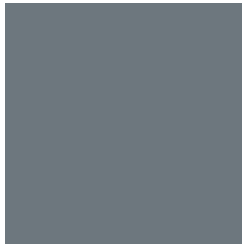
80004B



000000

Previews

White Background



This preview shows how the Hex color 6D777E 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

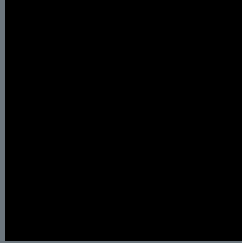
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

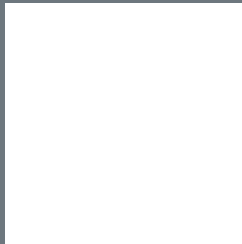
Any Text WCAG AAA × Fail

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

Hex 6D777E Background



This preview shows how black text looks on a background with the Hex color 6D777E.



This preview shows how white text looks on a background with the Hex color 6D777E.

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
6D777E

Protanopia
75757D

Deuteranopia
7C727F



Tritanopia
6D7780

Trichromacy



Original Color
6D777E

Protanomaly
72767D

Deuteranomaly
77747F

Tritanomaly
6D777F

Monochromacy



Original Color
6D777E

Achromatopsia
757575

Achromatomaly
727678

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D777E 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 #6D777E looks like.

```
.text, #text, p{  
    color:#6D777E  
}
```

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 #6D777E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D777E
}
```

Border

The CSS property to change the border of an element to Hex 6D777E is called "border". The border property can be set on classes, ids or directly on the HTML element.

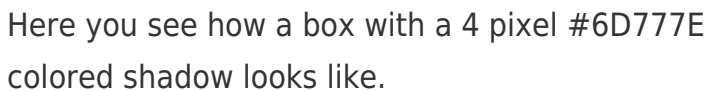
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D777E }
```

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

```
.border{ border-color:#6D777E }
```

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



Here you see how a box with a 4 pixel #6D777E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D777E; -webkit-box-shadow:4px 4px  
4px 4px #6D777E; box-shadow:4px 4px 4px  
4px #6D777E }
```

Background

The CSS property to change the background color of an element to Hex 6D777E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D777E }
```

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

```
.background{ background-color:#6D777E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor