

Converting Colors

Hex(71587E)

Have a look what the booklet for
Hex(71587E) contains.

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Color

Hex(71587E)

Conversions

Conversions Part 1

Format	Color
Hex	71587E
RGB	113, 88, 126
RGB Percent	44%, 35%, 49%
CMY	0.5569, 0.6549, 0.5059
CMYK	0.10, 0.30, 0.00, 0.51
HSL	279°, 18%, 42%
HSV	279°, 30%, 49%
XYZ	14.0657, 11.9965, 21.3129
YIQ	99.8070, 2.7020, 17.1180

Conversions

Conversions Part 2

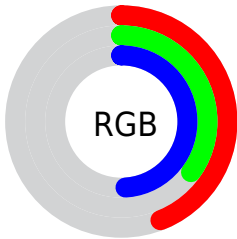
Format	Color
R_{YB}	113, 88, 126
Decimal	7428222
CIE _{Lab}	41.21, 17.87, -17.49
CIE _{LCh}	41, 25.004, 315.628
Yxy	11.9965, 0.2969, 0.2532
Android (android.graphics.Color)	4285618302 (0xFF71587E)
YUV	99.8070, 12.9131, 11.5703
Hunter-Lab	34.6360, 11.8759, -12.2383

Details

The Hex color **71587E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **657E58**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **A58AB3**, and **402A4D** is the 20% darker color. If you saturate the color by 10%, you get **6D4B7E**, and if you desaturate by 10%, it is **75657E**.

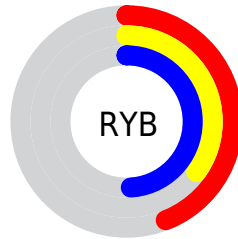
Distribution



Red (44%)

Green (35%)

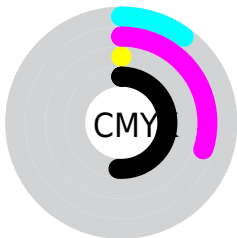
Blue (49%)



Red (44%)

Yellow (35%)

Blue (49%)

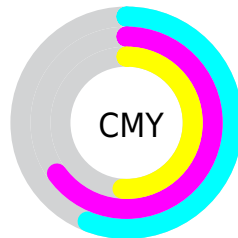


Cyan (10%)

Magenta (30%)

Yellow (0%)

Black (51%)



Cyan (56%)

Magenta (65%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71587E 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 71587E by changing the saturation by 10% instead.

■ 71587E

■ 71587E

FFFFFF

■ 584065

■ A58AB3

■ 402A4D

■ C1A5CE

■ 2A1536

■ DDC0EB

■ 180021

■ F9DCFF

■ 000006

■ FFF8FF

■ 000000

■ 71587E

■ 71587E

■ 6D4B7E

■ 75657E

■ 683F7E

■ 7A717E

64327E

7E7E7E

60267E

828A7E

5B197E

87977E

570C7E

8BA47E

53007E

8FB07E

93BD7E

98C97E

Harmonies

Analogous

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



555F89



71587E



83526C

Triad

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



71587E



775D3A



156C6C

Complementary

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



71587E



657E58

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.



336B56



71587E



646339

Square

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



71587E



855645



4D6944



0F6A7E

Rectangle

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



71587E



89515E



4D6944



1F6C64

Sweetspot

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



71587E



9E95A3



58657E



4F4952



D1D1D1



525252

Same Dimension

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



71587E



8F68A3



7E5878



3E3940



540080



000000

Inverse Universe

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



7E5865



A3687D



587E5E



40393C



80002C



000000

Previews

White Background



This preview shows how the Hex color 71587E looks on a white background.

Color Contrast Check

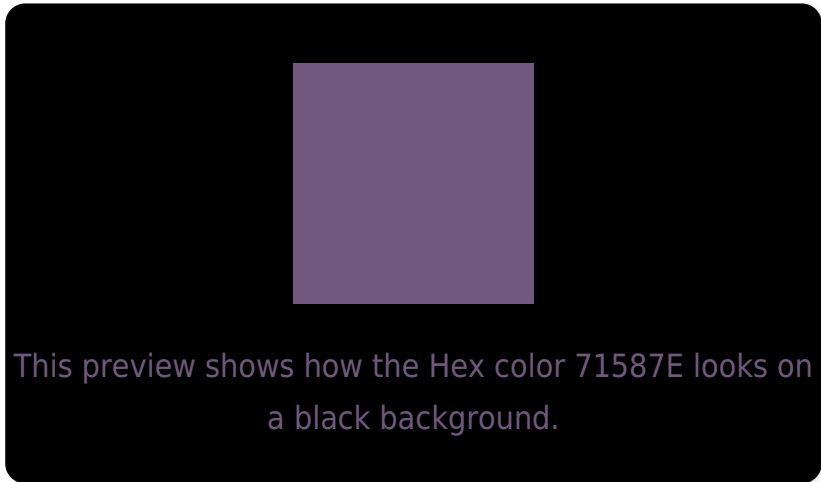
Large Text (above 18pt) WCAG AA ✓ Pass

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

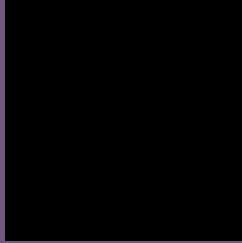
Any Text WCAG AA × Fail

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 71587E Background



This preview shows how black text looks on a background with the Hex color 71587E.




This preview shows how white text looks on a background with the Hex color 71587E.

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
6D5D64

Trichromacy



Original Color
71587E

Protanomaly
605D82

Deuteranomaly
645D7D

Tritanomaly
6E5B6D

Monochromacy



Original Color
71587E

Achromatopsia
646464

Achromatomaly
69606D

CSS Examples

Text

The CSS property to change the color of the text to Hex 71587E 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 #71587E looks like.

```
.text, #text, p{  
    color:#71587E  
}
```

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 #71587E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71587E
}
```

Border

The CSS property to change the border of an element to Hex 71587E is called "border". The border property can be set on classes, ids or directly on the HTML element.

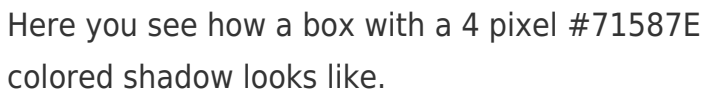
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#71587E }
```

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

```
.border{ border-color:#71587E }
```

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



Here you see how a box with a 4 pixel #71587E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71587E; -webkit-box-shadow:4px 4px  
4px 4px #71587E; box-shadow:4px 4px 4px  
4px #71587E }
```

Background

The CSS property to change the background color of an element to Hex 71587E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71587E }
```

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

```
.background{ background-color:#71587E }
```

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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