

Converting Colors

Hex(7B486E)

Have a look what the booklet for
Hex(7B486E) contains.

Hex(7B486E)	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(7B486E)

Conversions

Conversions Part 1

Format	Color
Hex	7B486E
RGB	123, 72, 110
RGB Percent	48%, 28%, 43%
CMY	0.5176, 0.7176, 0.5686
CMYK	0.00, 0.41, 0.11, 0.52
HSL	315°, 26%, 38%
HSV	315°, 41%, 48%
XYZ	13.3002, 9.9715, 15.9755
YIQ	91.5810, 18.1980, 22.6300

Conversions

Conversions Part 2

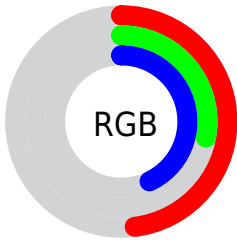
Format	Color
R_{YB}	123, 72, 110
Decimal	8079470
CIE _{Lab}	37.79, 27.72, -12.74
CIE _{LCh}	38, 30.513, 335.316
Yxy	9.9715, 0.3389, 0.2541
Android (android.graphics.Color)	4286269550 (0xFF7B486E)
YUV	91.5810, 9.0806, 27.5545
Hunter-Lab	31.5776, 19.9217, -7.8912

Details

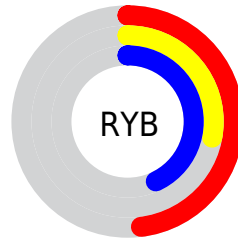
The Hex color **7B486E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **487B55**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **B17AA2**, and **49193E** is the 20% darker color. If you saturate the color by 10%, you get **7B3C6B**, and if you desaturate by 10%, it is **7B5471**.

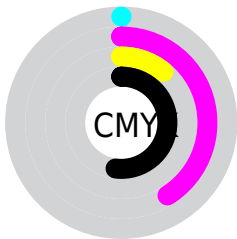
Distribution



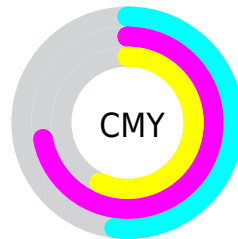
- Red (48%)
- Green (28%)
- Blue (43%)



- Red (48%)
- Yellow (28%)
- Blue (43%)



- Cyan (0%)
- Magenta (41%)
- Yellow (11%)
- Black (52%)



- Cyan (52%)
- Magenta (72%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B486E 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 7B486E by changing the saturation by 10% instead.

7B486E

7B486E

FFFFFF

613056

B17AA2

49193E

CC94BD

310328

E9AFD8

1C0014

FFCAF5

000000

FFE7FF

7B486E

7B486E

7B3C6B

7B5471

7B2F68

7B6174

 7B2365

 7B6D77

 7B1761

 7B797B

 7B0A5E

 7B857E

 7B005C

 7B9281

 7B9E84

 7BAA87

 7BB78A

Harmonies

Analogous

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



615181



7B486E



874455

Triad

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



7B486E



645926



006575

Complementary

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



7B486E



487B55

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.



00665D



7B486E



4A602F

Square

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



7B486E



78502C



286443



006185

Rectangle

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



7B486E



874645



286443



00656D

Sweetspot

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



7B486E



A18D9C



55487B



52464F



D1D1D1



525252

Same Dimension

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



7B486E



A1508C



7B4855



3D373C



7D005D



FC00BC

Inverse Universe

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



7B486E



A1508C



487B6E



3D373C



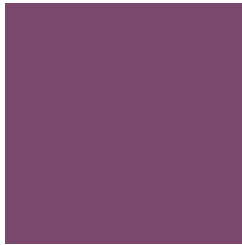
7D005D



FC00BC

Previews

White Background



This preview shows how the Hex color 7B486E looks on a white background.

Color Contrast Check

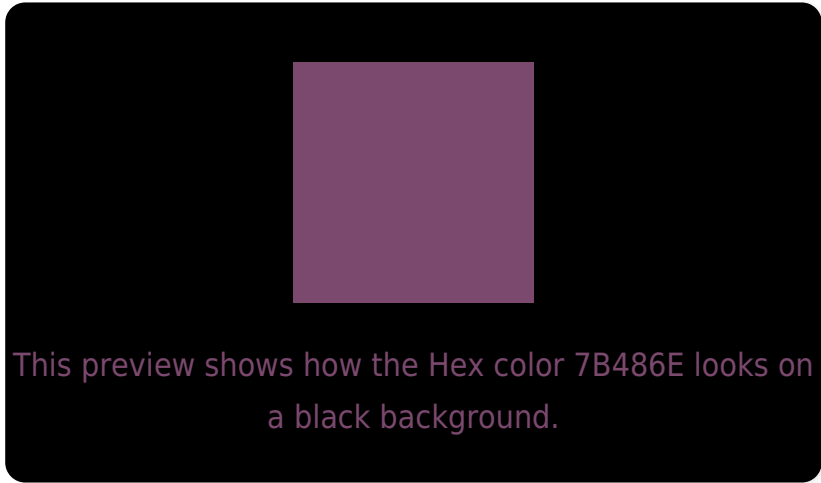
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

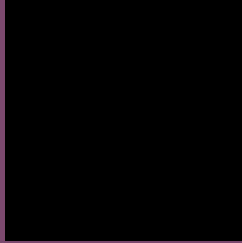
Any Text WCAG AA × Fail

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 7B486E Background



This preview shows how black text looks on a background with the Hex color 7B486E.

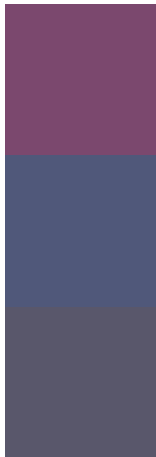


This preview shows how white text looks on a background with the Hex color 7B486E.

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
7B486E

Protanopia
50587A

Deuteranopia
59576B



Tritanopia
784D53

Trichromacy



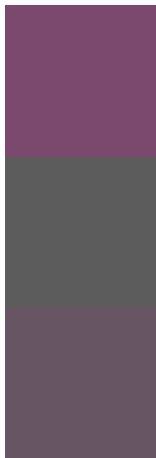
Original Color
7B486E

Protanomaly
605276

Deuteranomaly
65526C

Tritanomaly
794B5D

Monochromacy



Original Color
7B486E

Achromatopsia
5C5C5C

Achromatomaly
675563

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B486E 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 #7B486E looks like.

```
.text, #text, p{  
    color:#7B486E  
}
```

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 #7B486E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B486E
}
```

Border

The CSS property to change the border of an element to Hex 7B486E is called "border". The border property can be set on classes, ids or directly on the HTML element.

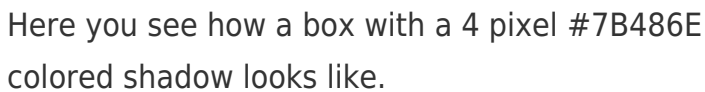
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B486E }
```

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

```
.border{ border-color:#7B486E }
```

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



Here you see how a box with a 4 pixel #7B486E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B486E; -webkit-box-shadow:4px 4px  
4px 4px #7B486E; box-shadow:4px 4px 4px  
4px #7B486E }
```

Background

The CSS property to change the background color of an element to Hex 7B486E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B486E }
```

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

```
.background{ background-color:#7B486E }
```

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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