

Converting Colors

Hex(3A487E)

Have a look what the booklet for
Hex(3A487E) contains.

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Color

Hex(3A487E)

Conversions

Conversions Part 1

Format	Color
Hex	3A487E
RGB	58, 72, 126
RGB Percent	23%, 28%, 49%
CMY	0.7725, 0.7176, 0.5059
CMYK	0.54, 0.43, 0.00, 0.51
HSL	228°, 37%, 36%
HSV	228°, 54%, 49%
XYZ	7.8282, 7.0406, 20.6851
YIQ	73.9700, -25.6780, 13.8260

Conversions

Conversions Part 2

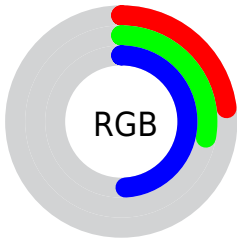
Format	Color
RYB	58, 70, 126
Decimal	3819646
CIELab	31.90, 11.08, -32.39
CIELCh	32, 34.231, 288.886
Yxy	7.0406, 0.2202, 0.1980
Android (android.graphics.Color)	4282009726 (0xFF3A487E)
YUV	73.9700, 25.6508, -14.0057
Hunter-Lab	26.5342, 6.2267, -27.6463

Details

The Hex color **3A487E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7E703A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6E78B3**, and **001D4C** is the 20% darker color. If you saturate the color by 10%, you get **2D3E7E**, and if you desaturate by 10%, it is **47527E**.

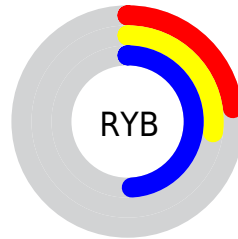
Distribution



Red (23%)

Green (28%)

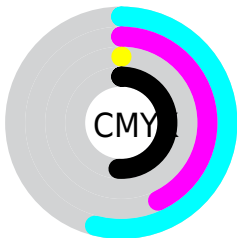
Blue (49%)



Red (23%)

Yellow (27%)

Blue (49%)

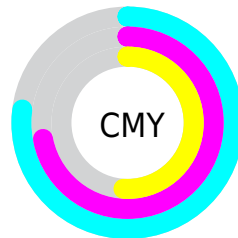


Cyan (54%)

Magenta (43%)

Yellow (0%)

Black (51%)



Cyan (77%)

Magenta (72%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A487E 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 3A487E by changing the saturation by 10% instead.

■ 3A487E

■ 3A487E

FFFFFF

■ 1F3265

■ 6E78B3

■ 001D4C

■ 8992CF

■ 000335

■ A4ACEB

■ 00021F

■ C0C8FF

■ 000003

■ DCE4FF

■ 000000

■ F9FFFF

■ 3A487E

■ 3A487E

■ 2D3E7E

■ 47527E

■ 21347E

■ 535C7E

■ 142A7E

■ 60667E

■ 08207E

■ 6C707E

■ 001A7E

■ 797A7E

■ 86847E

■ 928E7E

■ 9F987E

■ ABA27E

Harmonies

Analogous

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



005180



3A487E



623D6F

Triad

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



3A487E



743C23



005840

Complementary

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



3A487E



7E703A

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.



295526



3A487E



624613

Square

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



3A487E



7C343B



494F14



00585C

Rectangle

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



3A487E



72365F



494F14



005737

Sweetspot

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



3A487E



898EA3



3A7E6F



424552



D1D1D1



525252

Same Dimension

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



3A487E



394FA3



4D3A7E



393B40



001A80



000000

Inverse Universe

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



7E3A48



A3394F



6B7E3A



40393B



80001A



000000

Previews

White Background



This preview shows how the Hex color 3A487E looks on a white background.

Color Contrast Check

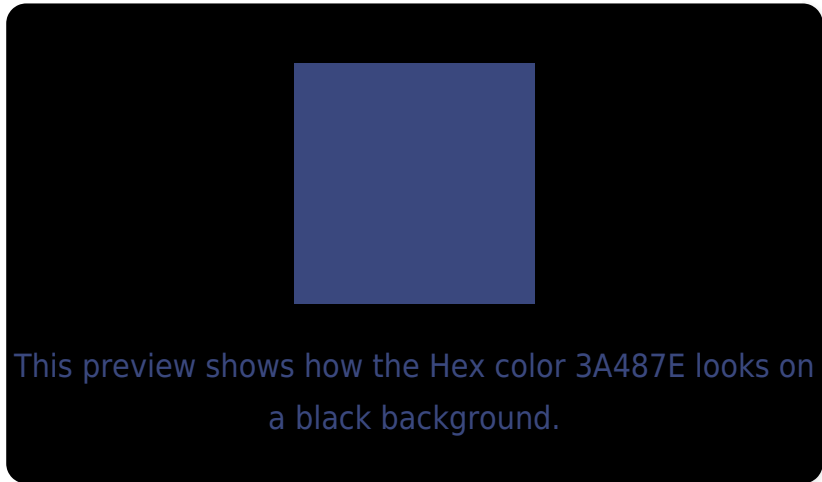
Large Text (above 18pt) WCAG AA ✓ Pass

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

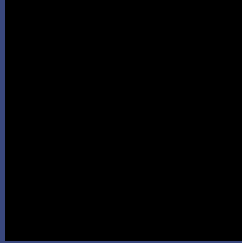
Any Text WCAG AA × Fail

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 3A487E Background



This preview shows how black text looks on a background with the Hex color 3A487E.



This preview shows how white text looks on a background with the Hex color 3A487E.

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
3A487E

Protanopia
34497F

Deuteranopia
294B7D

Trichromacy



Original Color
3A487E

Protanomaly
36497F

Deuteranomaly
2F4A7D

Tritanomaly
314E65

Monochromacy



Original Color
3A487E

Achromatopsia
4A4A4A

Achromatomaly
44495D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A487E 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 #3A487E looks like.

```
.text, #text, p{  
    color:#3A487E  
}
```

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 #3A487E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A487E
}
```

Border

The CSS property to change the border of an element to Hex 3A487E is called "border". The border property can be set on classes, ids or directly on the HTML element.

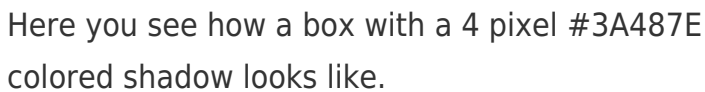
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A487E }
```

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

```
.border{ border-color:#3A487E }
```

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



Here you see how a box with a 4 pixel #3A487E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A487E; -webkit-box-shadow:4px 4px  
4px 4px #3A487E; box-shadow:4px 4px 4px  
4px #3A487E }
```

Background

The CSS property to change the background color of an element to Hex 3A487E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A487E }
```

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

```
.background{ background-color:#3A487E }
```

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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