

Converting Colors

Hex(3A4D7A)

Have a look what the booklet for
Hex(3A4D7A) contains.

Hex(3A4D7A)	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(3A4D7A)

Conversions

Conversions Part 1

Format	Color
Hex	3A4D7A
RGB	58, 77, 122
RGB Percent	23%, 30%, 48%
CMY	0.7725, 0.6980, 0.5216
CMYK	0.52, 0.37, 0.00, 0.52
HSL	222°, 36%, 35%
HSV	222°, 52%, 48%
XYZ	7.9117, 7.6124, 19.4647
YIQ	76.4490, -25.7690, 9.9670

Conversions

Conversions Part 2

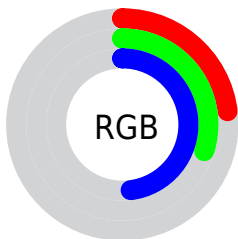
Format	Color
RYB	58, 73, 122
Decimal	3820922
CIELab	33.16, 6.41, -27.90
CIELCh	33, 28.629, 282.931
Yxy	7.6124, 0.2261, 0.2176
Android (android.graphics.Color)	4282011002 (0xFF3A4D7A)
YUV	76.4490, 22.4566, -16.1798
Hunter-Lab	27.5906, 2.9015, -22.5146

Details

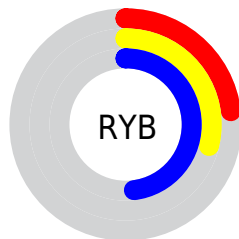
The Hex color **3A4D7A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7A673A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6D7EAF**, and **002149** is the 20% darker color. If you saturate the color by 10%, you get **2E447A**, and if you desaturate by 10%, it is **46567A**.

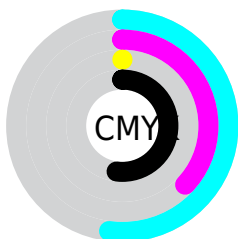
Distribution



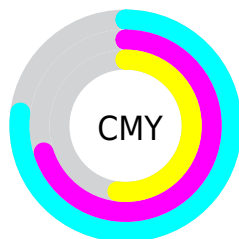
- Red (23%)
- Green (30%)
- Blue (48%)



- Red (23%)
- Yellow (29%)
- Blue (48%)



- Cyan (52%)
- Magenta (37%)
- Yellow (0%)
- Black (52%)



- Cyan (77%)
- Magenta (70%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A4D7A 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 3A4D7A by changing the saturation by 10% instead.

■ 3A4D7A

■ 3A4D7A

FFFFFF

■ 203661

■ 6D7EAF

■ 002149

■ 8898CA

■ 000A32

■ A3B2E6

■ 00021D

■ BECEFF

■ 000000

■ DBEAFF

■ F8FFFF

■ 3A4D7A

■ 3A4D7A

■ 2E447A

■ 46567A

■ 223C7A

■ 525E7A

■ 15337A

■ 5F677A

■ 092B7A

■ 6B6F7A

■ 00247A

■ 77787A

■ 83807A

■ 8F897A

■ 9C927A

■ A89A7A

Harmonies

Analogous

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



005479



3A4D7A



5C446F

Triad

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



3A4D7A



744030



155940

Complementary

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



3A4D7A



7A673A

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.



39552C



3A4D7A



664822

Square

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



3A4D7A



793B45



525020



005A57

Rectangle

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



3A4D7A



6C3F63



525020



245839

Sweetspot

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



3A4D7A



858C9E



3A7A67



40444F



CFCFCF



4F4F4F

Same Dimension

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



3A4D7A



3A589E



473A7A



37393D



00257D



004BFC

Inverse Universe

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



7A3A4D



9E3A58



6D7A3A



3D3739



7D0025



FC004B

Previews

White Background



This preview shows how the Hex color 3A4D7A looks on a white background.

Color Contrast Check

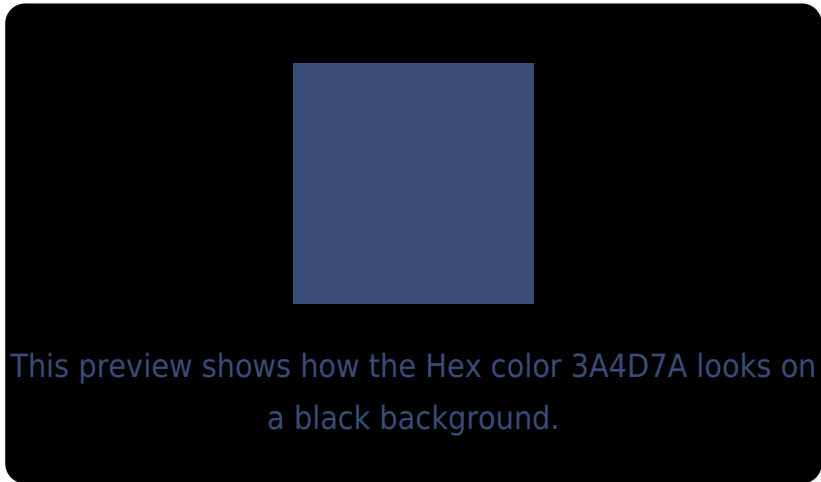
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A4D7A Background



This preview shows how black text looks on a background with the Hex color 3A4D7A.



This preview shows how white text looks on a background with the Hex color 3A4D7A.

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
3A4D7A

Protanopia
3D4C79

Deuteranopia
364E7A



Tritanopia
2F545A

Trichromacy



Original Color

3A4D7A

Protanomaly

3C4C79

Deuteranomaly

374E7A

Tritanomaly

335166

Monochromacy



Original Color

3A4D7A

Achromatopsia

4C4C4C

Achromatomaly

454C5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A4D7A 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 #3A4D7A looks like.

```
.text, #text, p{  
    color:#3A4D7A  
}
```

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 #3A4D7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A4D7A
}
```

Border

The CSS property to change the border of an element to Hex 3A4D7A 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
#3A4D7A }
```

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

```
.border{ border-color:#3A4D7A }
```

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

Here you see how a box with a 4 pixel #3A4D7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A4D7A; -webkit-box-shadow:4px 4px  
4px 4px #3A4D7A; box-shadow:4px 4px 4px  
4px #3A4D7A }
```

Background

The CSS property to change the background color of an element to Hex 3A4D7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A4D7A }
```

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

```
.background{ background-color:#3A4D7A }
```

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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