

Converting Colors

Hex(3A5C7A)

Have a look what the booklet for
Hex(3A5C7A) contains.

Hex(3A5C7A)	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(3A5C7A)

Conversions

Conversions Part 1

Format	Color
Hex	3A5C7A
RGB	58, 92, 122
RGB Percent	23%, 36%, 48%
CMY	0.7725, 0.6392, 0.5216
CMYK	0.52, 0.25, 0.00, 0.52
HSL	208°, 36%, 35%
HSV	208°, 52%, 48%
XYZ	9.0849, 9.9590, 19.8558
YIQ	85.2540, -29.8940, 2.1220

Conversions

Conversions Part 2

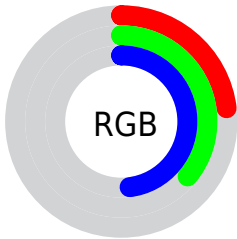
Format	Color
RYB	58, 80, 122
Decimal	3824762
CIELab	37.77, -3.15, -20.71
CIElCh	38, 20.949, 261.351
Yxy	9.9590, 0.2335, 0.2560
Android (android.graphics.Color)	4282014842 (0xFF3A5C7A)
YUV	85.2540, 18.1158, -23.9018
Hunter-Lab	31.5578, -3.8394, -15.2140

Details

The Hex color **3A5C7A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7A583A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6D8EAF**, and **002E49** is the 20% darker color. If you saturate the color by 10%, you get **2E567A**, and if you desaturate by 10%, it is **46627A**.

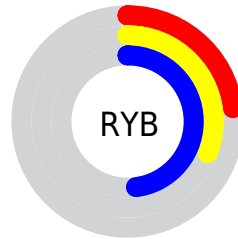
Distribution



Red (23%)

Green (36%)

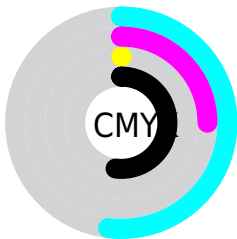
Blue (48%)



Red (23%)

Yellow (31%)

Blue (48%)

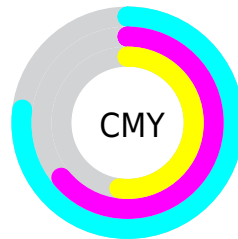


Cyan (52%)

Magenta (25%)

Yellow (0%)

Black (52%)



Cyan (77%)

Magenta (64%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5C7A 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 3A5C7A by changing the saturation by 10% instead.

■ 3A5C7A

■ 3A5C7A

FFFFFF

■ 204561

■ 6D8EAF

■ 002E49

■ 88A8CA

■ 001A32

■ A3C4E6

■ 00021E

■ BFE0FF

■ 000000

■ DBFCFF

■ F8FFFF

■ 3A5C7A

■ 3A5C7A

■ 2E567A

■ 46627A

■ 22517A

■ 52677A

■ 154B7A

■ 5F6D7A

■ 09457A

■ 6B737A

■ 00417A

■ 77797A

■ 837E7A

■ 8F847A

■ 9C8A7A

■ A88F7A

Harmonies

Analogous

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



236073



3A5C7A



545678

Triad

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



3A5C7A



7A4D4D



456043

Complementary

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



3A5C7A



7A583A

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.



585C39



3A5C7A



75503F

Square

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



3A5C7A



774C5F



695637



306253

Rectangle

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



3A5C7A



635272



695637



4B5E3F

Sweetspot

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



3A5C7A



85929E



3A7A58



40484F



CFCFCF



4F4F4F

Same Dimension

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



3A5C7A



3A6F9E



3A3C7A



373A3D



00427D



0086FC

Inverse Universe

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



7A3A5C



9E3A6F



7A783A



3D373A



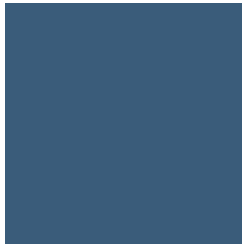
7D0042



FC0086

Previews

White Background



This preview shows how the Hex color 3A5C7A looks on a white background.

Color Contrast Check

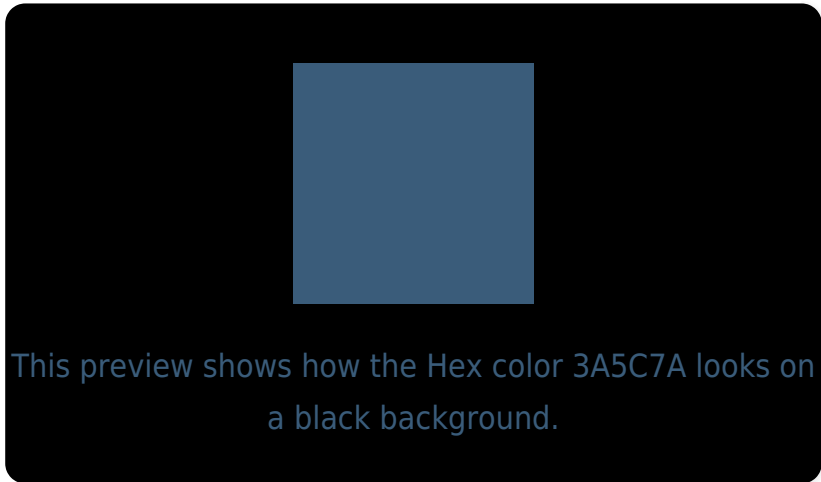
Large Text (above 18pt) WCAG AA ✓ Pass

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

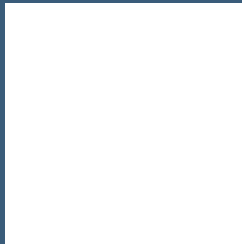
Any Text WCAG AAA × Fail

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

Hex 3A5C7A Background



This preview shows how black text looks on a background with the Hex color 3A5C7A.



This preview shows how white text looks on a background with the Hex color 3A5C7A.

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
3A5C7A

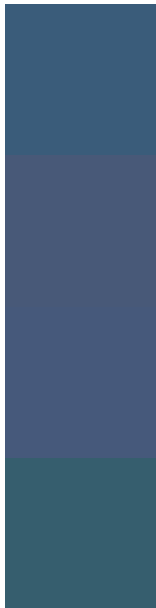
Protanopia
505777

Deuteranopia
4D587B



Tritanopia
335F67

Trichromacy



Original Color
3A5C7A

Protanomaly
485978

Deuteranomaly
46597B

Tritanomaly
365E6E

Monochromacy



Original Color
3A5C7A

Achromatopsia
555555

Achromatomaly
4B5862

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5C7A 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 #3A5C7A looks like.

```
.text, #text, p{  
    color:#3A5C7A  
}
```

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 #3A5C7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5C7A
}
```

Border

The CSS property to change the border of an element to Hex 3A5C7A 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
#3A5C7A }
```

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

```
.border{ border-color:#3A5C7A }
```

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

Here you see how a box with a 4 pixel #3A5C7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5C7A; -webkit-box-shadow:4px 4px  
4px 4px #3A5C7A; box-shadow:4px 4px 4px  
4px #3A5C7A }
```

Background

The CSS property to change the background color of an element to Hex 3A5C7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5C7A }
```

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

```
.background{ background-color:#3A5C7A }
```

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