

Converting Colors

Hex(3A5F7D)

Have a look what the booklet for
Hex(3A5F7D) contains.

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Color

Hex(3A5F7D)

Conversions

Conversions Part 1

Format	Color
Hex	3A5F7D
RGB	58, 95, 125
RGB Percent	23%, 37%, 49%
CMY	0.7725, 0.6275, 0.5098
CMYK	0.54, 0.24, 0.00, 0.51
HSL	207°, 37%, 36%
HSV	207°, 54%, 49%
XYZ	9.5388, 10.5646, 20.9385
YIQ	87.3570, -31.6820, 1.4860

Conversions

Conversions Part 2

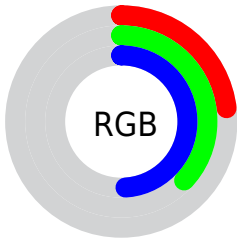
Format	Color
RYB	58, 82, 125
Decimal	3825533
CIELab	38.84, -4.01, -20.89
CIElCh	39, 21.275, 259.133
Yxy	10.5646, 0.2324, 0.2574
Android (android.graphics.Color)	4282015613 (0xFF3A5F7D)
YUV	87.3570, 18.5580, -25.7461
Hunter-Lab	32.5033, -4.4960, -15.4421

Details

The Hex color **3A5F7D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7D583A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6E91B2**, and **00314C** is the 20% darker color. If you saturate the color by 10%, you get **2E597D**, and if you desaturate by 10%, it is **47657D**.

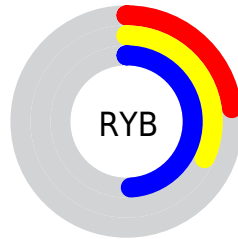
Distribution



Red (23%)

Green (37%)

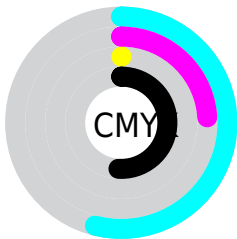
Blue (49%)



Red (23%)

Yellow (32%)

Blue (49%)

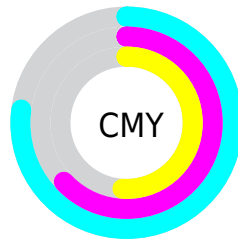


Cyan (54%)

Magenta (24%)

Yellow (0%)

Black (51%)



Cyan (77%)

Magenta (63%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5F7D 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 3A5F7D by changing the saturation by 10% instead.

■ 3A5F7D

■ 3A5F7D

FFFFFF

■ 1F4764

■ 6E91B2

■ 00314C

■ 88ACCD

■ 001C35

■ A3C7E9

■ 000220

■ BFE3FF

■ 000004

■ DCFFFF

■ 000000

■ F9FFFF

■ 3A5F7D

■ 3A5F7D

■ 2E597D

■ 47657D

■ 21547D

■ 536A7D

■ 154E7D

■ 60707D

■ 08497D

■ 6C757D

■ 00457D

■ 797B7D

■ 85817D

■ 92867D

■ 9E8C7D

■ AB917D

Harmonies

Analogous

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



236375



3A5F7D



55597C

Triad

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



3A5F7D



7E4F51



486244

Complementary

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



3A5F7D



7D583A

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.



5C5E3A



3A5F7D



795242

Square

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



3A5F7D



794F62



6D583A



346454

Rectangle

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



3A5F7D



645576



6D583A



4F6140

Sweetspot

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



3A5F7D



8998A3



3A7D57



424B52



D1D1D1



525252

Same Dimension

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



3A5F7D



3B74A3



3A3E7D



393D40



004680



000000

Inverse Universe

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



7D3A5F



A33B74



7D793A



40393D



800046



000000

Previews

White Background



This preview shows how the Hex color 3A5F7D looks on a white background.

Color Contrast Check

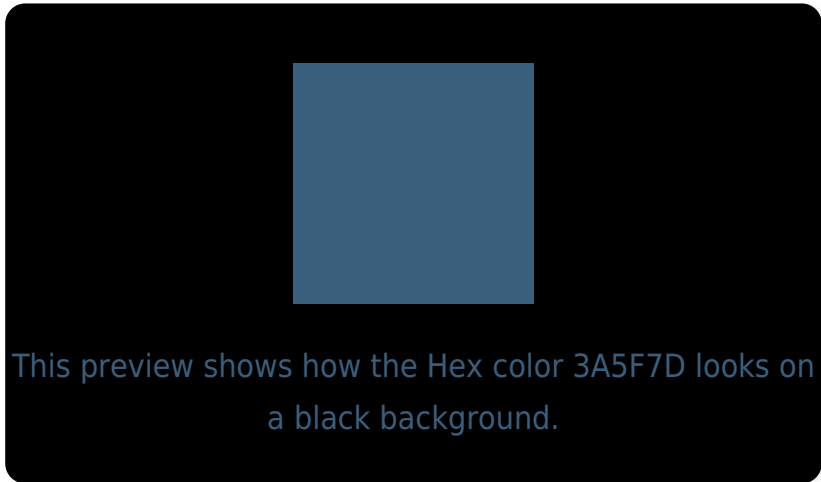
Large Text (above 18pt) WCAG AA ✓ Pass

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

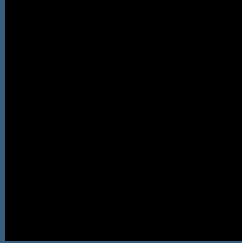
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

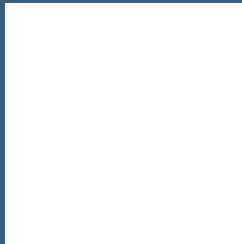
Any Text WCAG AAA × Fail

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

Hex 3A5F7D Background



This preview shows how black text looks on a background with the Hex color 3A5F7D.

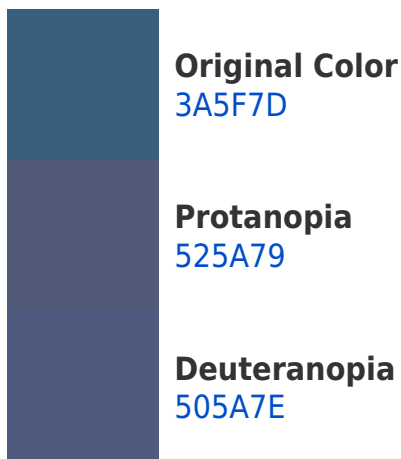



This preview shows how white text looks on a background with the Hex color 3A5F7D.

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](#).

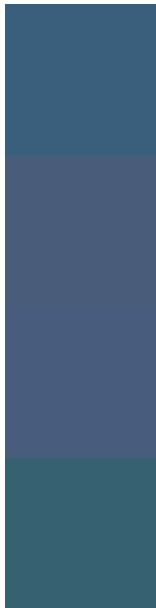
Dichromacy





Tritanopia
33626A

Trichromacy



Original Color
3A5F7D

Protanomaly
495C7A

Deuteranomaly
485C7E

Tritanomaly
366171

Monochromacy



Original Color
3A5F7D

Achromatopsia
575757

Achromatomaly
4C5A65

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5F7D 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 #3A5F7D looks like.

```
.text, #text, p{  
    color:#3A5F7D  
}
```

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 #3A5F7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5F7D
}
```

Border

The CSS property to change the border of an element to Hex 3A5F7D 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
#3A5F7D }
```

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

```
.border{ border-color:#3A5F7D }
```

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

Here you see how a box with a 4 pixel #3A5F7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5F7D; -webkit-box-shadow:4px 4px  
4px 4px #3A5F7D; box-shadow:4px 4px 4px  
4px #3A5F7D }
```

Background

The CSS property to change the background color of an element to Hex 3A5F7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5F7D }
```

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

```
.background{ background-color:#3A5F7D }
```

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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awesome pro features!

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