

Converting Colors

Hex(3E5F8E)

Have a look what the booklet for
Hex(3E5F8E) contains.

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Color

Hex(3E5F8E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 3E5F8E |
| RGB | 62, 95, 142 |
| RGB Percent | 24%, 37%, 56% |
| CMY | 0.7569, 0.6275, 0.4431 |
| CMYK | 0.56, 0.33, 0.00, 0.44 |
| HSL | 215°, 39%, 40% |
| HSV | 215°, 56%, 56% |
| XYZ | 10.9613, 11.1615, 27.1679 |
| YIQ | 90.4910, -34.7550, 7.6210 |

Conversions

Conversions Part 2

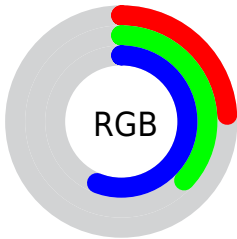
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 62, 85, 142 |
| Decimal | 4087694 |
| CIE Lab | 39.85, 2.64, -29.62 |
| CIE LCh | 40, 29.732, 275.090 |
| Yxy | 11.1615, 0.2224, 0.2264 |
| Android (android.graphics.Color) | 4282277774 (0xFF3E5F8E) |
| YUV | 90.4910, 25.3939, -24.9866 |
| Hunter-Lab | 33.4089, 0.0994, -24.8279 |

Details

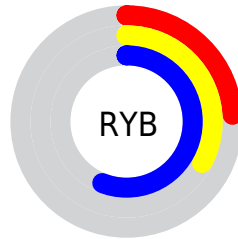
The Hex color **3E5F8E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8E6D3E**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7391C4**, and **00315B** is the 20% darker color. If you saturate the color by 10%, you get **30578E**, and if you desaturate by 10%, it is **4C678E**.

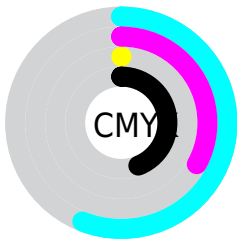
Distribution



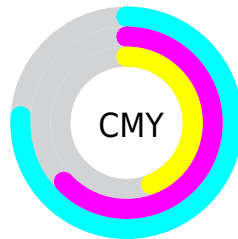
- Red (24%)
- Green (37%)
- Blue (56%)



- Red (24%)
- Yellow (33%)
- Blue (56%)



- Cyan (56%)
- Magenta (33%)
- Yellow (0%)
- Black (44%)



- Cyan (76%)
- Magenta (63%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E5F8E 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 3E5F8E by changing the saturation by 10% instead.



3E5F8E



3E5F8E

FFFFFF



224874



7391C4



00315B



8EACE0



001D44



AAC7FD



00022D



C6E3FF



000118



E3FFFF



000000



3E5F8E



3E5F8E



30578E



4C678E



224E8E



5A708E

■ 13468E

■ 69788E

■ 053E8E

■ 77808E

■ 003B8E

■ 85898E

■ 93918E

■ A1998E

■ B0A28E

■ BEAA8E

Harmonies

Analogous

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



006689



3E5F8E



665686

Triad

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



3E5F8E



8A4D43



306949

Complementary

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



3E5F8E



8E6D3E

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.



4F6535



3E5F8E



7D5532

Square

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



3E5F8E



8B4A5B



695E2C



006A61

Rectangle

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



3E5F8E



78507A



695E2C



3B6841

Sweetspot

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



3E5F8E



98A5B8



3E8E6D



49515C



DBDBDB



5C5C5C

Same Dimension

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



3E5F8E



3B6EB8



453E8E



404347



003887



000308

Inverse Universe

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



8E3E5F



B83B6E



878E3E



474043



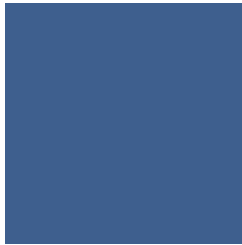
870038



080003

Previews

White Background



This preview shows how the Hex color 3E5F8E looks on a white background.

Color Contrast Check

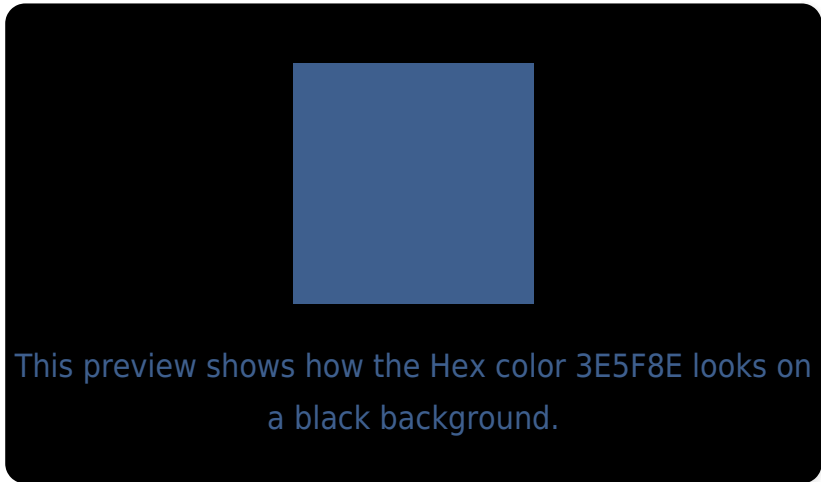
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E5F8E Background



This preview shows how black text looks on a background with the Hex color 3E5F8E.

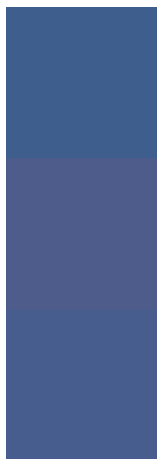


This preview shows how white text looks on a background with the Hex color 3E5F8E.

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


3E5F8E

Protanopia

4D5C8B

Deuteranopia

465D8E



Tritanopia
31656E

Trichromacy



Original Color
3E5F8E

Protanomaly
485D8C

Deuteranomaly
435E8E

Tritanomaly
36637A

Monochromacy



Original Color
3E5F8E

Achromatopsia
5A5A5A

Achromatomaly
505C6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E5F8E 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 #3E5F8E looks like.

```
.text, #text, p{  
    color:#3E5F8E  
}
```

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 #3E5F8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5F8E
}
```

Border

The CSS property to change the border of an element to Hex 3E5F8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

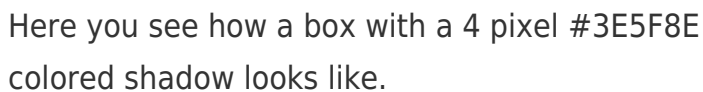
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E5F8E }
```

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

```
.border{ border-color:#3E5F8E }
```

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



Here you see how a box with a 4 pixel #3E5F8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5F8E; -webkit-box-shadow:4px 4px  
4px 4px #3E5F8E; box-shadow:4px 4px 4px  
4px #3E5F8E }
```

Background

The CSS property to change the background color of an element to Hex 3E5F8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5F8E }
```

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

```
.background{ background-color:#3E5F8E }
```

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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