

# Converting Colors

Hex(3E5B7B)

Have a look what the booklet for  
Hex(3E5B7B) contains.

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# Color

**Hex(3E5B7B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E5B7B
RGB	62, 91, 123
RGB Percent	24%, 36%, 48%
CMY	0.7569, 0.6431, 0.5176
CMYK	0.50, 0.26, 0.00, 0.52
HSL	211°, 33%, 36%
HSV	211°, 50%, 48%
XYZ	9.3028, 9.9364, 20.1665
YIQ	85.9770, -27.5560, 3.8040

# Conversions

## Conversions Part 2

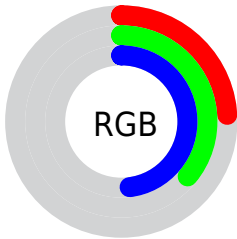
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	62, 82, 123
Decimal	4086651
CIE Lab	37.73, -1.16, -21.37
CIE LCh	38, 21.401, 266.889
Yxy	9.9364, 0.2361, 0.2522
Android (android.graphics.Color)	4282276731 (0xFF3E5B7B)
YUV	85.9770, 18.2523, -21.0278
Hunter-Lab	31.5220, -2.4842, -15.8659




# Details

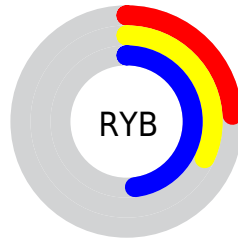
The Hex color **3E5B7B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7B5E3E**, and the grayscale version is **565656**.




A 20% lighter version of the original color is **718DB0**, and **072E4A** is the 20% darker color. If you saturate the color by 10%, you get **32557B**, and if you desaturate by 10%, it is **4A617B**.

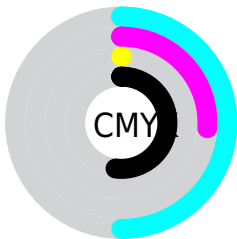
# Distribution







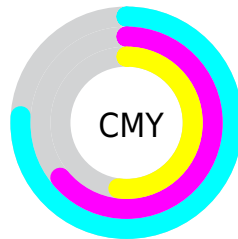
-  Red (24%)
-  Green (36%)
-  Blue (48%)






-  Red (24%)
-  Yellow (32%)
-  Blue (48%)



-  Cyan (50%)
-  Magenta (26%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (76%)
-  Magenta (64%)
-  Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E5B7B 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 3E5B7B by changing the saturation by 10% instead.





3E5B7B



3E5B7B

FFFFFF



254462



718DB0



072E4A



8BA7CB



001933



A7C2E7



00021E



C2DEFF



000001



DFFBFF



000000



FCFFFF



3E5B7B



3E5B7B



32557B



4A617B

■ 254E7B

■ 57687B

■ 19487B

■ 636E7B

■ 0D417B

■ 6F757B

■ 003B7B

■ 7C7B7B

■ 003A7B

■ 88827B

■ 94887B

■ A08F7B

■ AD957B

# Harmonies

## Analogous

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



245F75



3E5B7B



585578

# Triad

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



3E5B7B



7B4D4A



406045

# Complementary

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



3E5B7B



7B5E3E

# 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.



545C39



3E5B7B



74513C

# Square

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



3E5B7B



794C5B



665736



2B6256

# Rectangle

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



3E5B7B



675171



665736



475F41



# Sweetspot

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



3E5B7B



8994A1



3E7B5E



434A52



D1D1D1



525252



# Same Dimension

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



3E5B7B



406EA1



3F3E7B



373A3D



003B7D



0078FC



# Inverse Universe

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



7B3E5B



A1406E



7A7B3E



3D373A



7D003B

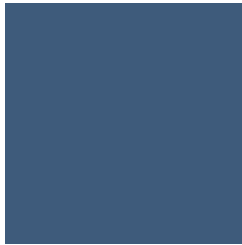


FC0078



# Previews

## White Background



This preview shows how the Hex color 3E5B7B looks on a white background.

## Color Contrast Check

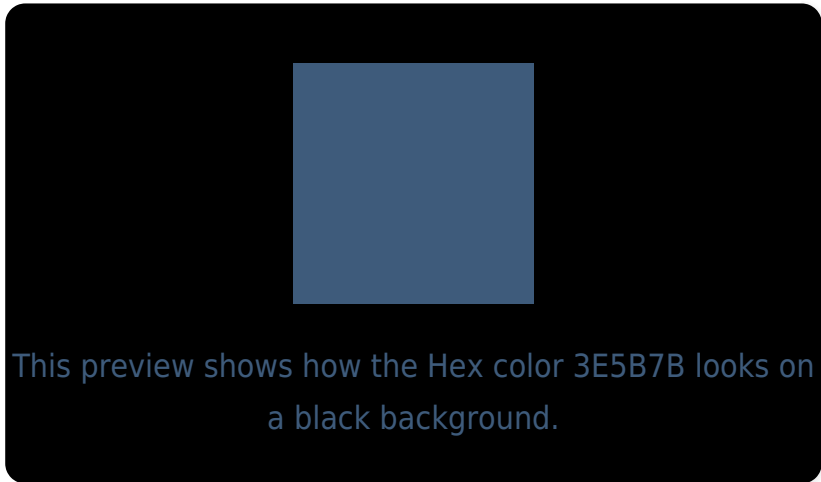
Large Text (above 18pt) WCAG AA ✓ Pass

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

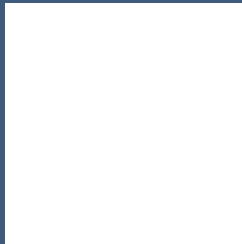
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E5B7B Background



This preview shows how black text looks on a background with the Hex color 3E5B7B.

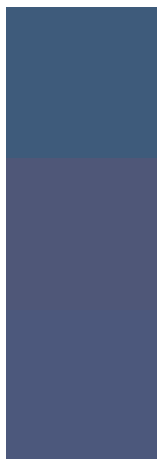


This preview shows how white text looks on a background with the Hex color 3E5B7B.

# 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**

3E5B7B

**Protanopia**

4F5778

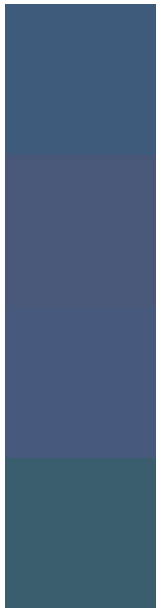
**Deuteranopia**

4C587C



**Tritanopia**  
375F66

# Trichromacy



**Original Color**  
3E5B7B

**Protanomaly**  
495879

**Deuteranomaly**  
47597C

**Tritanomaly**  
3A5E6E

# Monochromacy



**Original Color**  
3E5B7B

**Achromatopsia**  
565656

**Achromatomaly**  
4D5863

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E5B7B 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 #3E5B7B looks like.

```
.text, #text, p{  
    color:#3E5B7B  
}
```

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 #3E5B7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5B7B  
}
```

## Border

The CSS property to change the border of an element to Hex 3E5B7B 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  
#3E5B7B }
```

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

```
.border{ border-color:#3E5B7B }
```

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

Here you see how a box with a 4 pixel #3E5B7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5B7B; -webkit-box-shadow:4px 4px  
4px 4px #3E5B7B; box-shadow:4px 4px 4px  
4px #3E5B7B }
```

# Background

The CSS property to change the background color of an element to Hex 3E5B7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5B7B }
```

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

```
.background{ background-color:#3E5B7B }
```

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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