

Converting Colors

Hex(3E5F79)

Have a look what the booklet for
Hex(3E5F79) contains.

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Color

Hex(3E5F79)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 3E5F79 |
| RGB | 62, 95, 121 |
| RGB Percent | 24%, 37%, 47% |
| CMY | 0.7569, 0.6275, 0.5255 |
| CMYK | 0.49, 0.21, 0.00, 0.53 |
| HSL | 206°, 32%, 36% |
| HSV | 206°, 49%, 47% |
| XYZ | 9.5300, 10.5890, 19.6308 |
| YIQ | 88.0970, -28.0140, 1.0900 |

Conversions

Conversions Part 2

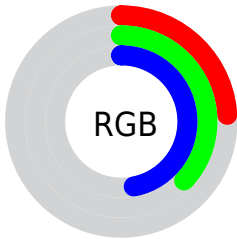
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 62, 83, 121 |
| Decimal | 4087673 |
| CIE Lab | 38.88, -4.26, -18.37 |
| CIE LCh | 39, 18.854, 256.928 |
| Yxy | 10.5890, 0.2397, 0.2664 |
| Android (android.graphics.Color) | 4282277753 (0xFF3E5F79) |
| YUV | 88.0970, 16.2212, -22.8871 |
| Hunter-Lab | 32.5408, -4.6703, -12.9891 |

Details

The Hex color **3E5F79** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **79583E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7191AD**, and **073148** is the 20% darker color. If you saturate the color by 10%, you get **325A79**, and if you desaturate by 10%, it is **4A6479**.

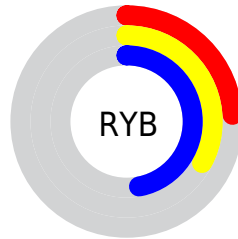
Distribution



Red (24%)

Green (37%)

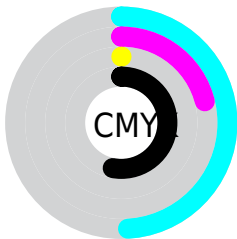
Blue (47%)



Red (24%)

Yellow (33%)

Blue (47%)

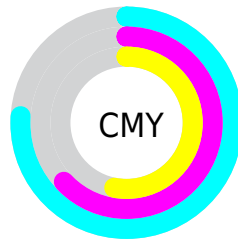


Cyan (49%)

Magenta (21%)

Yellow (0%)

Black (53%)



Cyan (76%)

Magenta (63%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E5F79 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 3E5F79 by changing the saturation by 10% instead.

■ 3E5F79

■ 3E5F79

FFFFFF

■ 254760

■ 7191AD

■ 073148

■ 8BACC9

■ 001C32

■ A6C7E5

■ 00021D

■ C2E3FF

■ 000000

■ DEFFFF

■ FBFFFF

■ 3E5F79

■ 3E5F79

■ 325A79

■ 4A6479

■ 265479

■ 566A79

■ 1A4F79

■ 626F79

■ 0E4A79

■ 6E7479

■ 024479

■ 7A7A79

■ 004479

■ 877F79

■ 938479

■ 9F8A79

■ AB8F79

Harmonies

Analogous

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



2D6271



3E5F79



545A79

Triad

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



3E5F79



7A5053



4C6146

Complementary

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



3E5F79



79583E

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.



5E5D3E



3E5F79



775346

Square

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



3E5F79



765163



6C583E



3B6454

Rectangle

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



3E5F79



625674



6C583E



526043

Sweetspot

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



3E5F79



86949E



3E7958



41494F



CFCFCF



4F4F4F

Same Dimension

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



3E5F79



41759E



3E4279



373B3D



00467D



008DFC

Inverse Universe

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



793E5F



9E4175



79753E



3D373B



7D0046



FC008D

Previews

White Background



This preview shows how the Hex color 3E5F79 looks on a white background.

Color Contrast Check

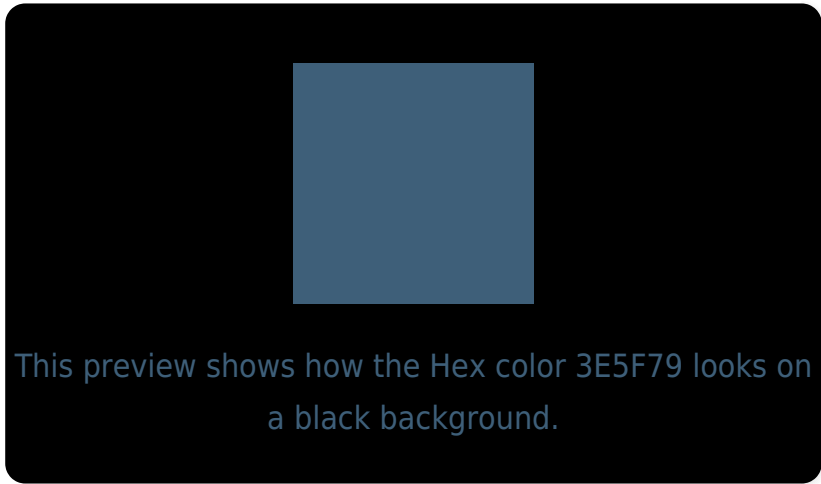
Large Text (above 18pt) WCAG AA ✓ Pass

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

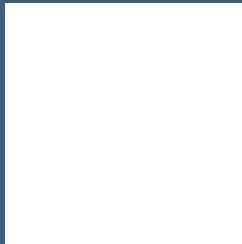
Any Text WCAG AAA × Fail

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

Hex 3E5F79 Background



This preview shows how black text looks on a background with the Hex color 3E5F79.

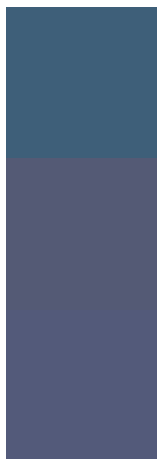


This preview shows how white text looks on a background with the Hex color 3E5F79.

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
3E5F79

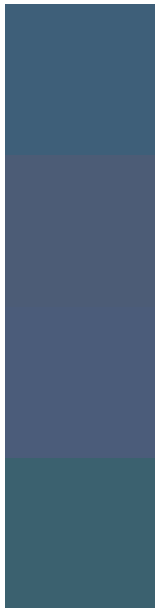
Protanopia
545A75

Deuteranopia
535A7A



Tritanopia
39626A

Trichromacy



Original Color
3E5F79

Protanomaly
4C5C76

Deuteranomaly
4B5C7A

Tritanomaly
3B616F

Monochromacy



Original Color
3E5F79

Achromatopsia
585858

Achromatomaly
4F5B64

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E5F79 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 #3E5F79 looks like.

```
.text, #text, p{  
    color:#3E5F79  
}
```

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 #3E5F79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5F79
}
```

Border

The CSS property to change the border of an element to Hex 3E5F79 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
#3E5F79 }
```

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

```
.border{ border-color:#3E5F79 }
```

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

Here you see how a box with a 4 pixel #3E5F79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5F79; -webkit-box-shadow:4px 4px  
4px 4px #3E5F79; box-shadow:4px 4px 4px  
4px #3E5F79 }
```

Background

The CSS property to change the background color of an element to Hex 3E5F79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5F79 }
```

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

```
.background{ background-color:#3E5F79 }
```

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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