

Converting Colors

Hex(3E5F85)

Have a look what the booklet for
Hex(3E5F85) contains.

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Color

Hex(3E5F85)

Conversions

Conversions Part 1

Format	Color
Hex	3E5F85
RGB	62, 95, 133
RGB Percent	24%, 37%, 52%
CMY	0.7569, 0.6275, 0.4784
CMYK	0.53, 0.29, 0.00, 0.48
HSL	212°, 36%, 38%
HSV	212°, 53%, 52%
XYZ	10.3125, 10.9020, 23.7511
YIQ	89.4650, -31.8660, 4.8220

Conversions

Conversions Part 2

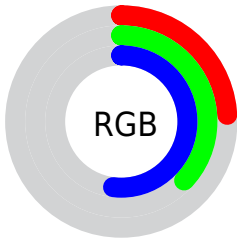
Format	Color
R_{YB}	62, 85, 133
Decimal	4087685
CIE _{Lab}	39.41, -0.38, -24.85
CIE _{LCh}	39, 24.854, 269.120
Yxy	10.9020, 0.2293, 0.2425
Android (android.graphics.Color)	4282277765 (0xFF3E5F85)
YUV	89.4650, 21.4628, -24.0868
Hunter-Lab	33.0182, -2.0316, -19.5365

Details

The Hex color **3E5F85** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **85643E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7291BA**, and **013153** is the 20% darker color. If you saturate the color by 10%, you get **315885**, and if you desaturate by 10%, it is **4B6685**.

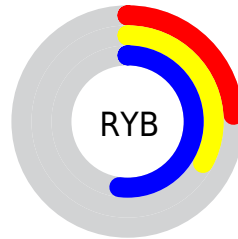
Distribution



Red (24%)

Green (37%)

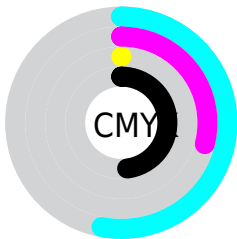
Blue (52%)



Red (24%)

Yellow (33%)

Blue (52%)

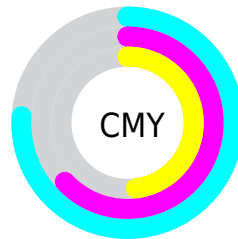


Cyan (53%)

Magenta (29%)

Yellow (0%)

Black (48%)



Cyan (76%)

Magenta (63%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E5F85 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 3E5F85 by changing the saturation by 10% instead.



3E5F85



3E5F85

FFFFFF



23476C



7291BA



013153



8DACD6



001D3C



A8C7F3



000326



C4E3FF



00010F



E1FFFF



000000

FEFFFF



3E5F85



3E5F85



315885



4B6685

■ 235185

■ 596D85

■ 164A85

■ 667485

■ 094385

■ 737B85

■ 003E85

■ 818385

■ 8E8A85

■ 9B9185

■ A89885

■ B69F85

Harmonies

Analogous

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



18647F



3E5F85



5E5880

Triad

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



3E5F85



844F4A



3E6647

Complementary

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



3E5F85



85643E

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.



566239



3E5F85



7B543B

Square

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



3E5F85



824D5E



6B5B34



21685C

Rectangle

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



3E5F85



6F5377



6B5B34



466542

Sweetspot

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



3E5F85



929FAD



3E8564



464E57



D6D6D6



575757

Same Dimension

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



3E5F85



3E72AD



403E85



3C3F42



003C82



000103

Inverse Universe

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



853E5F



AD3E72



83853E



423C3F



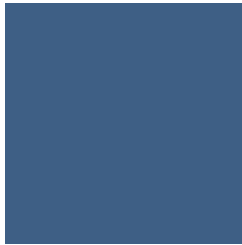
82003C



030001

Previews

White Background



This preview shows how the Hex color 3E5F85 looks on a white background.

Color Contrast Check

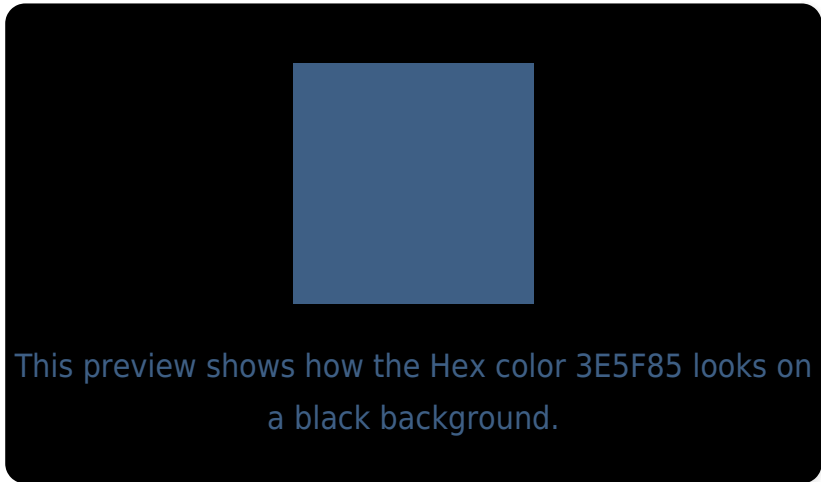
Large Text (above 18pt) WCAG AA ✓ Pass

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

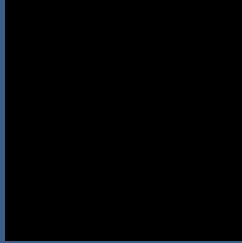
Any Text WCAG AA × Fail

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 3E5F85 Background



This preview shows how black text looks on a background with the Hex color 3E5F85.

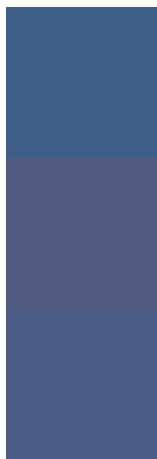


This preview shows how white text looks on a background with the Hex color 3E5F85.

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
3E5F85

Protanopia
515B82

Deuteranopia
4C5C86



Tritanopia
35646C

Trichromacy



Original Color
3E5F85

Protanomaly
4A5C83

Deuteranomaly
475D86

Tritanomaly
386275

Monochromacy



Original Color
3E5F85

Achromatopsia
595959

Achromatomaly
4F5B69

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E5F85 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 #3E5F85 looks like.

```
.text, #text, p{  
    color:#3E5F85  
}
```

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 #3E5F85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5F85
}
```

Border

The CSS property to change the border of an element to Hex 3E5F85 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
#3E5F85 }
```

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

```
.border{ border-color:#3E5F85 }
```

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

Here you see how a box with a 4 pixel #3E5F85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5F85; -webkit-box-shadow:4px 4px  
4px 4px #3E5F85; box-shadow:4px 4px 4px  
4px #3E5F85 }
```

Background

The CSS property to change the background color of an element to Hex 3E5F85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5F85 }
```

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

```
.background{ background-color:#3E5F85 }
```

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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