

Converting Colors

Hex(3E5A76)

Have a look what the booklet for
Hex(3E5A76) contains.

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Color

Hex(3E5A76)

Conversions

Conversions Part 1

Format	Color
Hex	3E5A76
RGB	62, 90, 118
RGB Percent	24%, 35%, 46%
CMY	0.7569, 0.6471, 0.5373
CMYK	0.47, 0.24, 0.00, 0.54
HSL	210°, 31%, 35%
HSV	210°, 47%, 46%
XYZ	8.9128, 9.6445, 18.5314
YIQ	84.8200, -25.6760, 2.7720

Conversions

Conversions Part 2

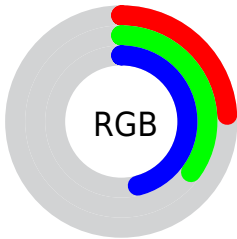
Format	Color
R _{YB}	62, 81, 118
Decimal	4086390
CIE Lab	37.20, -2.14, -19.12
CIE LCh	37, 19.236, 263.620
Yxy	9.6445, 0.2403, 0.2600
Android (android.graphics.Color)	4282276470 (0xFF3E5A76)
YUV	84.8200, 16.3577, -20.0131
Hunter-Lab	31.0555, -3.1186, -13.6404

Details

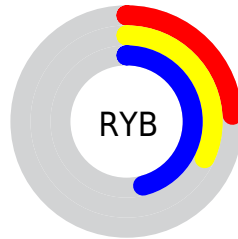
The Hex color **3E5A76** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **765A3E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **718CAA**, and **092D46** is the 20% darker color. If you saturate the color by 10%, you get **325476**, and if you desaturate by 10%, it is **4A6076**.

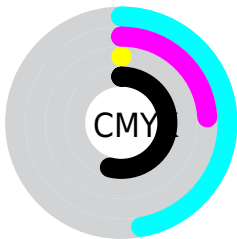
Distribution



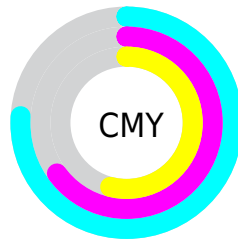
- Red (24%)
- Green (35%)
- Blue (46%)



- Red (24%)
- Yellow (32%)
- Blue (46%)



- Cyan (47%)
- Magenta (24%)
- Yellow (0%)
- Black (54%)



- Cyan (76%)
- Magenta (65%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E5A76 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 3E5A76 by changing the saturation by 10% instead.



3E5A76



3E5A76

FFFFFF



25435D



718CAA



092D46



8BA6C6



00182F



A6C1E2



00011A



C1DDFE



000000



DEFAFF



FBFFFF



3E5A76



3E5A76



325476



4A6076

■ 264E76

■ 566676

■ 1B4876

■ 616C76

■ 0F4276

■ 6D7276

■ 033C76

■ 797776

■ 003B76

■ 857D76

■ 918376

■ 9C8976

■ A88F76

Harmonies

Analogous

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



2A5E70



3E5A76



555574

Triad

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



3E5A76



764D4C



445E45

Complementary

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



3E5A76



765A3E

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.



565A3B



3E5A76



71503F

Square

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



3E5A76



744C5B



655539



326054

Rectangle

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



3E5A76



62516E



655539



4A5D41

Sweetspot

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



3E5A76



848E99



3E765A



3F464D



CCCCCC



4D4D4D

Same Dimension

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



3E5A76



426D99



3E3E76



35383B



003D7A



007DFA

Inverse Universe

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



763E5A



99426D



76763E



3B3538



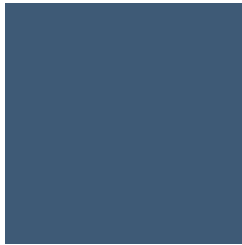
7A003D



FA007D

Previews

White Background



This preview shows how the Hex color 3E5A76 looks on a white background.

Color Contrast Check

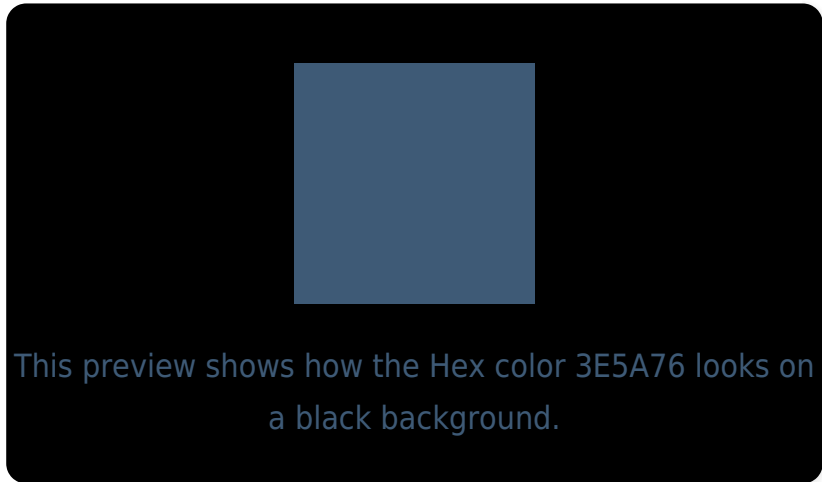
Large Text (above 18pt) WCAG AA ✓ Pass

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

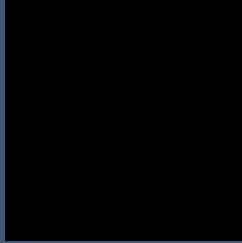
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

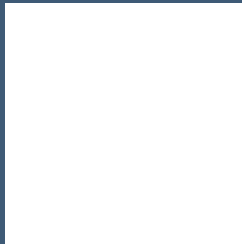
Any Text WCAG AAA × Fail

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

Hex 3E5A76 Background



This preview shows how black text looks on a background with the Hex color 3E5A76.

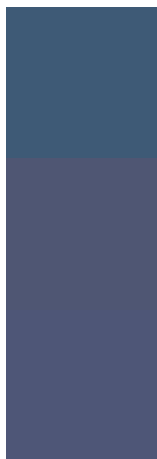


This preview shows how white text looks on a background with the Hex color 3E5A76.

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
3E5A76

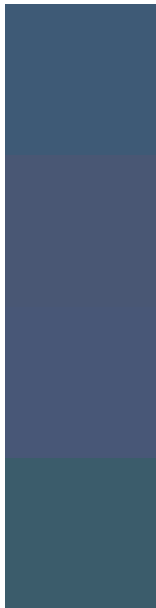
Protanopia
4F5673

Deuteranopia
4E5677



Tritanopia
395D65

Trichromacy



Original Color
3E5A76

Protanomaly
495774

Deuteranomaly
485777

Tritanomaly
3B5C6B

Monochromacy



Original Color
3E5A76

Achromatopsia
555555

Achromatomaly
4D5761

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E5A76 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 #3E5A76 looks like.

```
.text, #text, p{  
    color:#3E5A76  
}
```

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 #3E5A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5A76  
}
```

Border

The CSS property to change the border of an element to Hex 3E5A76 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  
#3E5A76 }
```

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

```
.border{ border-color:#3E5A76 }
```

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

Here you see how a box with a 4 pixel #3E5A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5A76; -webkit-box-shadow:4px 4px  
4px 4px #3E5A76; box-shadow:4px 4px 4px  
4px #3E5A76 }
```

Background

The CSS property to change the background color of an element to Hex 3E5A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5A76 }
```

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

```
.background{ background-color:#3E5A76 }
```

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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