

Converting Colors

Hex(3C657E)

Have a look what the booklet for
Hex(3C657E) contains.

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Color

Hex(3C657E)

Conversions

Conversions Part 1

Format	Color
Hex	3C657E
RGB	60, 101, 126
RGB Percent	24%, 40%, 49%
CMY	0.7647, 0.6039, 0.5059
CMYK	0.52, 0.20, 0.00, 0.51
HSL	203°, 35%, 36%
HSV	203°, 52%, 49%
XYZ	10.2831, 11.7744, 21.4694
YIQ	91.5910, -32.4610, -0.9170

Conversions

Conversions Part 2

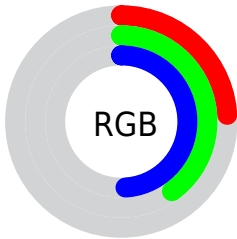
Format	Color
RYB	60, 85, 126
Decimal	3958142
CIELab	40.86, -6.82, -18.38
CIELCh	41, 19.605, 249.653
Yxy	11.7744, 0.2362, 0.2705
Android (android.graphics.Color)	4282148222 (0xFF3C657E)
YUV	91.5910, 16.9636, -27.7053
Hunter-Lab	34.3138, -6.5569, -13.0767

Details

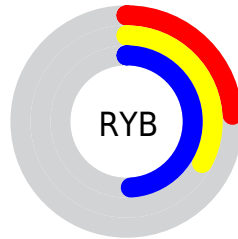
The Hex color **3C657E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7E553C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7098B3**, and **00364D** is the 20% darker color. If you saturate the color by 10%, you get **2F607E**, and if you desaturate by 10%, it is **496A7E**.

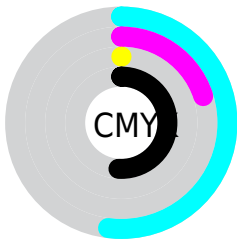
Distribution



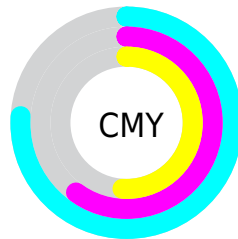
- Red (24%)
- Green (40%)
- Blue (49%)



- Red (24%)
- Yellow (33%)
- Blue (49%)



- Cyan (52%)
- Magenta (20%)
- Yellow (0%)
- Black (51%)



- Cyan (76%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C657E 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 3C657E by changing the saturation by 10% instead.

■ 3C657E

■ 3C657E

FFFFFF

■ 224D65

■ 7098B3

■ 00364D

■ 8AB3CE

■ 002136

■ A6CEEB

■ 000821

■ C1EAFF

■ 000006

■ DEFFFF

■ 000000

■ FBFFFF

■ 3C657E

■ 3C657E

■ 2F607E

■ 496A7E

■ 235B7E

■ 556F7E

■ 16577E

■ 62737E

■ 0A527E

■ 6E787E

■ 004E7E

■ 7B7D7E

■ 88827E

■ 94867E

■ A18B7E

■ AD907E

Harmonies

Analogous

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



2E6874



3C657E



536080

Triad

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



3C657E



80545C



556547

Complementary

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



3C657E



7E553C

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.



666141



3C657E



7F574D

Square

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



3C657E



79566C



755C43



426855

Rectangle

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



3C657E



625C7C



755C43



5B6444

Sweetspot

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



3C657E



8999A3



3C7E54



424C52



D1D1D1



525252

Same Dimension

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



3C657E



3C7CA3



3C457E



393D40



004F80



000000

Inverse Universe

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



7E3C65



A33C7C



7E753C



40393D



80004F



000000

Previews

White Background



This preview shows how the Hex color 3C657E looks on a white background.

Color Contrast Check

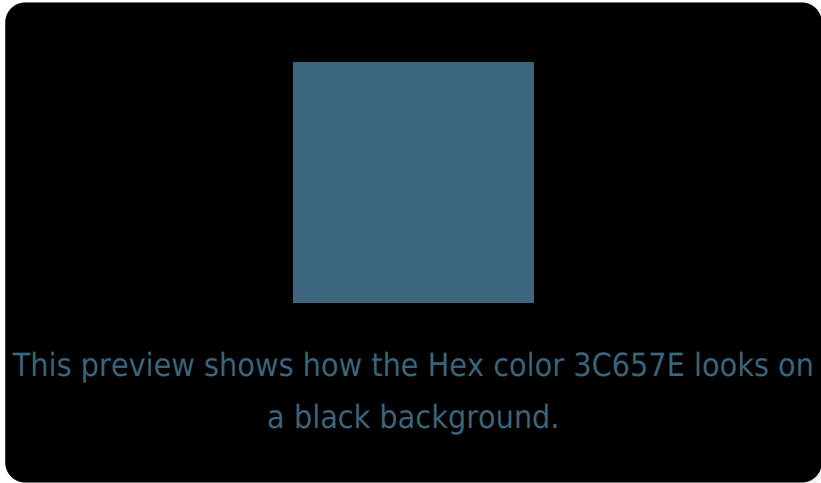
Large Text (above 18pt) WCAG AA ✓ Pass

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

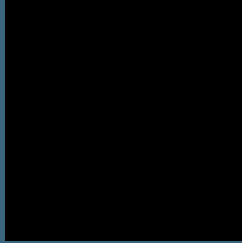
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

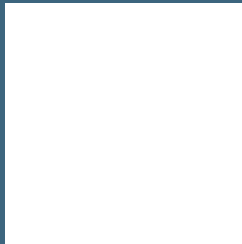
Any Text WCAG AAA × Fail

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

Hex 3C657E Background



This preview shows how black text looks on a background with the Hex color 3C657E.



This preview shows how white text looks on a background with the Hex color 3C657E.

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](#).

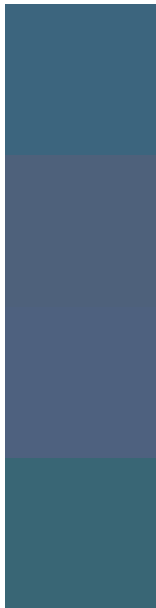
Dichromacy





Tritanopia
376770

Trichromacy



Original Color
3C657E

Protanomaly
4E617B

Deuteranomaly
4E617F

Tritanomaly
396675

Monochromacy



Original Color
3C657E

Achromatopsia
5C5C5C

Achromatomaly
505F68

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C657E 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 #3C657E looks like.

```
.text, #text, p{  
    color:#3C657E  
}
```

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 #3C657E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C657E
}
```

Border

The CSS property to change the border of an element to Hex 3C657E 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
#3C657E }
```

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

```
.border{ border-color:#3C657E }
```

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

Here you see how a box with a 4 pixel #3C657E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C657E; -webkit-box-shadow:4px 4px  
4px 4px #3C657E; box-shadow:4px 4px 4px  
4px #3C657E }
```

Background

The CSS property to change the background color of an element to Hex 3C657E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C657E }
```

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

```
.background{ background-color:#3C657E }
```

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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