

Converting Colors

Hex(3E6C7B)

Have a look what the booklet for
Hex(3E6C7B) contains.

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Color

Hex(3E6C7B)

Conversions

Conversions Part 1

Format	Color
Hex	3E6C7B
RGB	62, 108, 123
RGB Percent	24%, 42%, 48%
CMY	0.7569, 0.5765, 0.5176
CMYK	0.50, 0.12, 0.00, 0.52
HSL	195°, 33%, 36%
HSV	195°, 50%, 48%
XYZ	10.9243, 13.1793, 20.7070
YIQ	95.9560, -32.2310, -5.0870

Conversions

Conversions Part 2

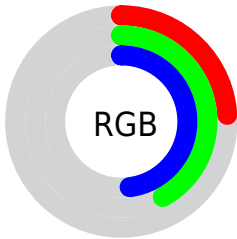
Format	Color
R _{YB}	62, 88, 123
Decimal	4091003
CIE Lab	43.03, -11.35, -13.23
CIE LCh	43, 17.432, 229.389
Yxy	13.1793, 0.2438, 0.2941
Android (android.graphics.Color)	4282281083 (0xFF3E6C7B)
YUV	95.9560, 13.3327, -29.7794
Hunter-Lab	36.3033, -9.8170, -8.4060

Details

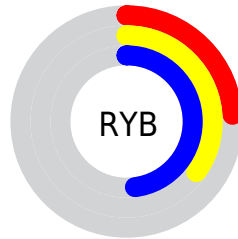
The Hex color **3E6C7B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B4D3E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **729FAF**, and **043D4A** is the 20% darker color. If you saturate the color by 10%, you get **32697B**, and if you desaturate by 10%, it is **4A6F7B**.

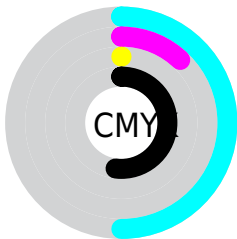
Distribution



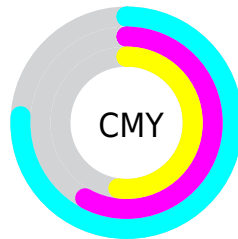
- Red (24%)
- Green (42%)
- Blue (48%)



- Red (24%)
- Yellow (35%)
- Blue (48%)



- Cyan (50%)
- Magenta (12%)
- Yellow (0%)
- Black (52%)



- Cyan (76%)
- Magenta (58%)
- Yellow (52%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E6C7B 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 3E6C7B by changing the saturation by 10% instead.

■ 3E6C7B

■ 3E6C7B

FFFFFF

■ 245462

■ 729FAF

■ 043D4A

■ 8CBACB

■ 002734

■ A7D6E7

■ 00131F

■ C3F3FF

■ 000003

■ E0FFFF

■ 000000

FDFFFF

■ 3E6C7B

■ 3E6C7B

■ 32697B

■ 4A6F7B

■ 25667B

■ 57727B

■ 19637B

■ 63757B

■ 0D607B

■ 6F787B

■ 005D7B

■ 7C7B7B

■ 887E7B

■ 94817B

■ A0847B

■ AD877B

Harmonies

Analogous

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



3C6E6F



3E6C7B



4D6982

Triad

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



3E6C7B



7F5C6B



66684A

Complementary

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



3E6C7B



7B4D3E

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.



75634A



3E6C7B



835B5D

Square

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



3E6C7B



735F79



7F5E50



566B53

Rectangle

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



3E6C7B



5A6582



7F5E50



6C6649

Sweetspot

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



3E6C7B



899BA1



3E7B4C



434E52



D1D1D1



525252

Same Dimension

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



3E6C7B



4089A1



3E4E7B



373C3D



005E7D



00BEFC

Inverse Universe

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



7B3E6C



A14089



7B6B3E



3D373C



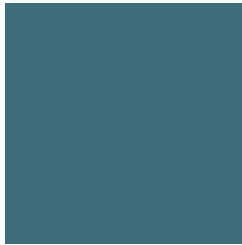
7D005E



FC00BE

Previews

White Background



This preview shows how the Hex color 3E6C7B looks on a white background.

Color Contrast Check

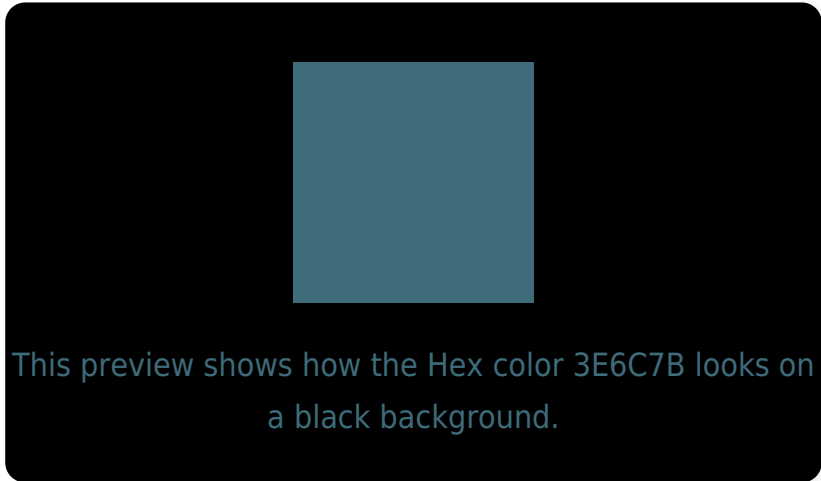
Large Text (above 18pt) WCAG AA ✓ Pass

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

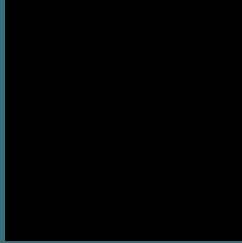
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

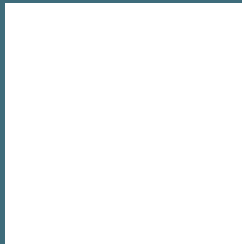
Any Text WCAG AAA × Fail

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

Hex 3E6C7B Background



This preview shows how black text looks on a background with the Hex color 3E6C7B.

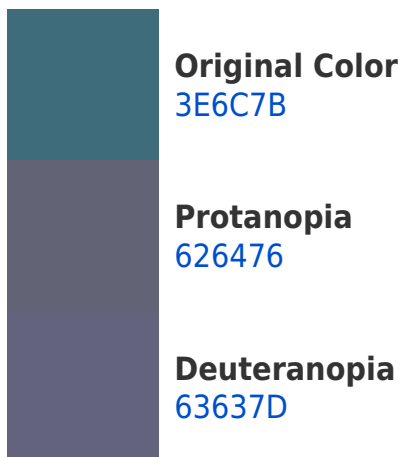



This preview shows how white text looks on a background with the Hex color 3E6C7B.

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](#).

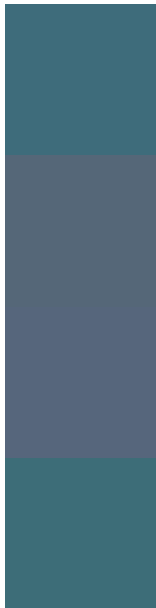
Dichromacy





Tritanopia
3C6D76

Trichromacy



Original Color
3E6C7B

Protanomaly
556778

Deuteranomaly
56667C

Tritanomaly
3D6D78

Monochromacy



Original Color
3E6C7B

Achromatopsia
606060

Achromatomaly
54646A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E6C7B 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 #3E6C7B looks like.

```
.text, #text, p{  
    color:#3E6C7B  
}
```

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 #3E6C7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E6C7B
}
```

Border

The CSS property to change the border of an element to Hex 3E6C7B 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
#3E6C7B }
```

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

```
.border{ border-color:#3E6C7B }
```

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

Here you see how a box with a 4 pixel #3E6C7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E6C7B; -webkit-box-shadow:4px 4px  
4px 4px #3E6C7B; box-shadow:4px 4px 4px  
4px #3E6C7B }
```

Background

The CSS property to change the background color of an element to Hex 3E6C7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E6C7B }
```

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

```
.background{ background-color:#3E6C7B }
```

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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