

Converting Colors

Hex(3E7993)

Have a look what the booklet for
Hex(3E7993) contains.

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Color

Hex(3E7993)

Conversions

Conversions Part 1

Format	Color
Hex	3E7993
RGB	62, 121, 147
RGB Percent	24%, 47%, 58%
CMY	0.7569, 0.5255, 0.4235
CMYK	0.58, 0.18, 0.00, 0.42
HSL	198°, 41%, 41%
HSV	198°, 58%, 58%
XYZ	14.0904, 16.8055, 30.1049
YIQ	106.3230, -43.5100, -4.4220

Conversions

Conversions Part 2

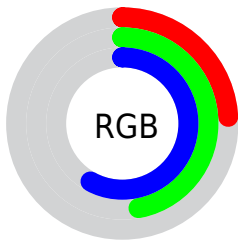
Format	Color
R _{YB}	62, 97, 147
Decimal	4094355
CIE _{Lab}	48.01, -11.30, -19.92
CIE _{LCh}	48, 22.904, 240.448
Yxy	16.8055, 0.2310, 0.2755
Android (android.graphics.Color)	4282284435 (0xFF3E7993)
YUV	106.3230, 20.0538, -38.8713
Hunter-Lab	40.9945, -10.3871, -14.8444

Details

The Hex color **3E7993** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **93583E**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **75ADC9**, and **004860** is the 20% darker color. If you saturate the color by 10%, you get **2F7593**, and if you desaturate by 10%, it is **4D7D93**.

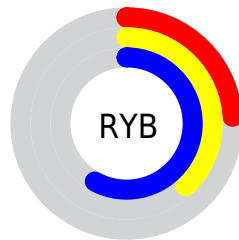
Distribution



Red (24%)

Green (47%)

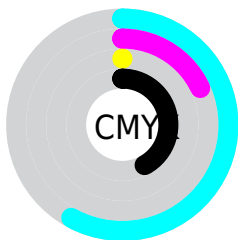
Blue (58%)



Red (24%)

Yellow (38%)

Blue (58%)

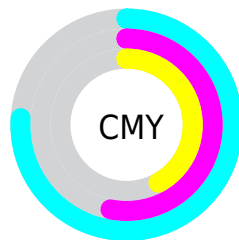


Cyan (58%)

Magenta (18%)

Yellow (0%)

Black (42%)



Cyan (76%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E7993 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 3E7993 by changing the saturation by 10% instead.

■ 3E7993

■ 3E7993

FFFFFF

■ 206079

■ 75ADC9

■ 004860

■ 90C9E5

■ 003248

■ ACE5FF

■ 001D32

■ C8FFFF

■ 00021D

■ E5FFFF

■ 000000

■ 3E7993

■ 3E7993

■ 2F7593

■ 4D7D93

■ 217093

■ 5B8293

■ 126C93

■ 6A8693

■ 036793

■ 798B93

■ 006693

■ 888F93

■ 969493

■ A59893

■ B49D93

■ C2A193

Harmonies

Analogous

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



337C85



3E7993



597498

Triad

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



3E7993



976472



6B7750

Complementary

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



3E7993



93583E

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.



7F714B



3E7993



98655F

Square

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



3E7993



8B6785



8F6A51



547B5E

Rectangle

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



3E7993



6C6F96



8F6A51



72754D

Sweetspot

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



3E7993



9FB5BF



3E9358



4E5B61



E0E0E0



616161

Same Dimension

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



3E7993



3B97BF



3E4F93



43484A



00608A



00070A

Inverse Universe

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



933E79



BF3B97



93823E



4A4348



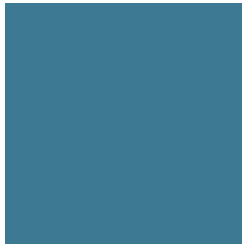
8A0060



0A0007

Previews

White Background



This preview shows how the Hex color 3E7993 looks on a white background.

Color Contrast Check

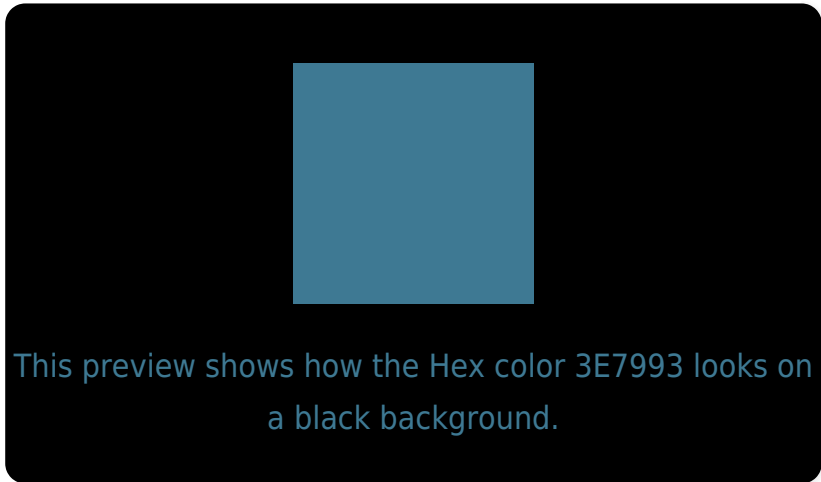
Large Text (above 18pt) WCAG AA ✓ Pass

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

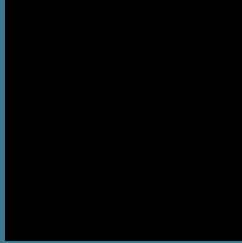
Any Text WCAG AA × Fail

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 3E7993 Background



This preview shows how black text looks on a background with the Hex color 3E7993.

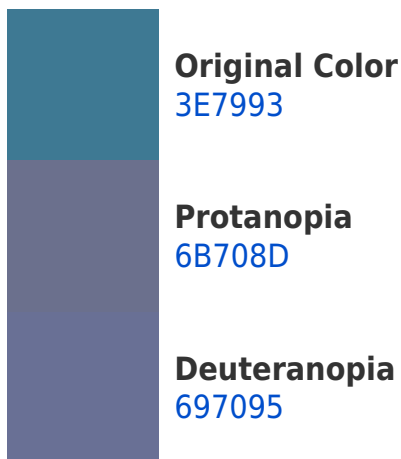


This preview shows how white text looks on a background with the Hex color 3E7993.

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
387B85

Trichromacy



Original Color
3E7993

Protanomaly
5B738F

Deuteranomaly
597394

Tritanomaly
3A7A8A

Monochromacy



Original Color
3E7993

Achromatopsia
6A6A6A

Achromatomaly
5A6F79

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E7993 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 #3E7993 looks like.

```
.text, #text, p{  
    color:#3E7993  
}
```

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 #3E7993 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E7993
}
```

Border

The CSS property to change the border of an element to Hex 3E7993 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
#3E7993 }
```

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

```
.border{ border-color:#3E7993 }
```

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

Here you see how a box with a 4 pixel #3E7993 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E7993; -webkit-box-shadow:4px 4px  
4px 4px #3E7993; box-shadow:4px 4px 4px  
4px #3E7993 }
```

Background

The CSS property to change the background color of an element to Hex 3E7993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E7993 }
```

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

```
.background{ background-color:#3E7993 }
```

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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