

Converting Colors

Hex(3F7894)

Have a look what the booklet for
Hex(3F7894) contains.

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Color

Hex(3F7894)

Conversions

Conversions Part 1

Format	Color
Hex	3F7894
RGB	63, 120, 148
RGB Percent	25%, 47%, 58%
CMY	0.7529, 0.5294, 0.4196
CMYK	0.57, 0.19, 0.00, 0.42
HSL	200°, 40%, 41%
HSV	200°, 57%, 58%
XYZ	14.1117, 16.6278, 30.4827
YIQ	106.1490, -42.9600, -3.3760

Conversions

Conversions Part 2

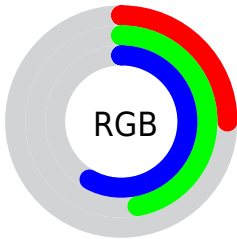
Format	Color
RYB	63, 97, 148
Decimal	4159636
CIELab	47.79, -10.19, -20.86
CIElCh	48, 23.213, 243.966
Yxy	16.6278, 0.2305, 0.2716
Android (android.graphics.Color)	4282349716 (0xFF3F7894)
YUV	106.1490, 20.6325, -37.8417
Hunter-Lab	40.7772, -9.5871, -15.7777

Details

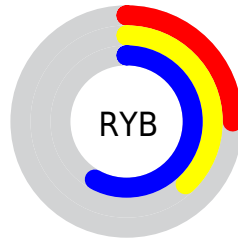
The Hex color **3F7894** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **945B3F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **75ACCA**, and **004861** is the 20% darker color. If you saturate the color by 10%, you get **307394**, and if you desaturate by 10%, it is **4E7D94**.

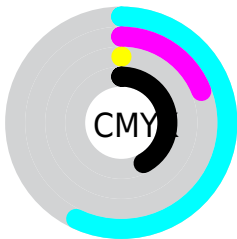
Distribution



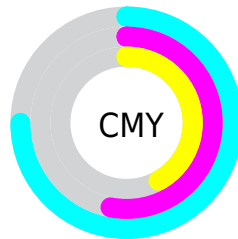
- Red (25%)
- Green (47%)
- Blue (58%)



- Red (25%)
- Yellow (38%)
- Blue (58%)



- Cyan (57%)
- Magenta (19%)
- Yellow (0%)
- Black (42%)



- Cyan (75%)
- Magenta (53%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F7894 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 3F7894 by changing the saturation by 10% instead.



3F7894



3F7894

FFFFFF



225F7A



75ACCA



004861



91C8E6



003149



ADE4FF



001D33



C9FFFF



00021E



E6FFFF



000000



3F7894



3F7894



307394



4E7D94



216E94



5D8294

■ 136994

■ 6B8794

■ 046494

■ 7A8C94

■ 006394

■ 899094

■ 989594

■ A79A94

■ B59F94

■ C4A494

Harmonies

Analogous

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



317B87



3F7894



5B7298

Triad

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



3F7894



97636F



677750

Complementary

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



3F7894



945B3F

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.



7C714A



3F7894



97655C

Square

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



3F7894



8D6583



8D6A4F



507B60

Rectangle

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



3F7894



6F6E95



8D6A4F



6F754D

Sweetspot

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



3F7894



9FB5BF



3F945A



4E5B61



E0E0E0



616161

Same Dimension

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



3F7894



3B94BF



3F4F94



43484A



005C8A



00070A

Inverse Universe

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



943F78



BF3B94



94843F



4A4348



8A005C



0A0007

Previews

White Background



This preview shows how the Hex color 3F7894 looks on a white background.

Color Contrast Check

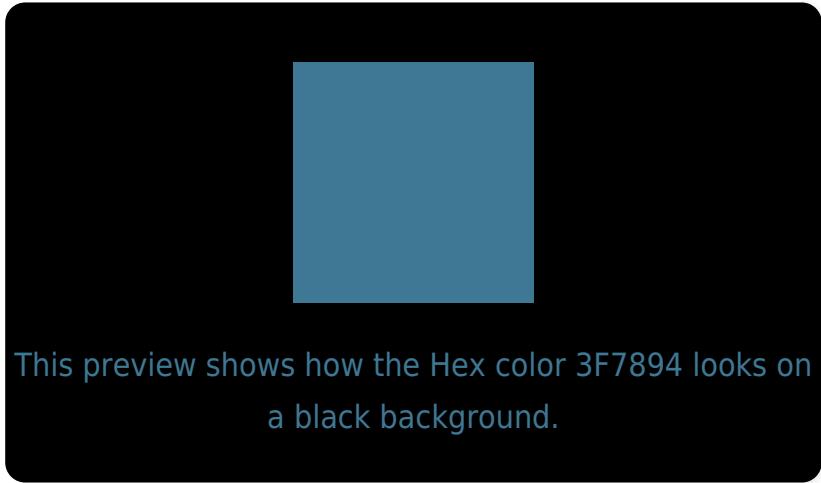
Large Text (above 18pt) WCAG AA ✓ Pass

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

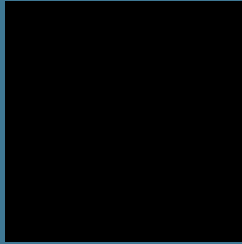
Any Text WCAG AA × Fail

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 3F7894 Background



This preview shows how black text looks on a background with the Hex color 3F7894.

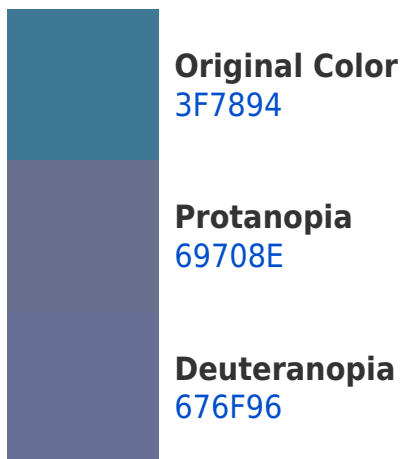


This preview shows how white text looks on a background with the Hex color 3F7894.

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](#).

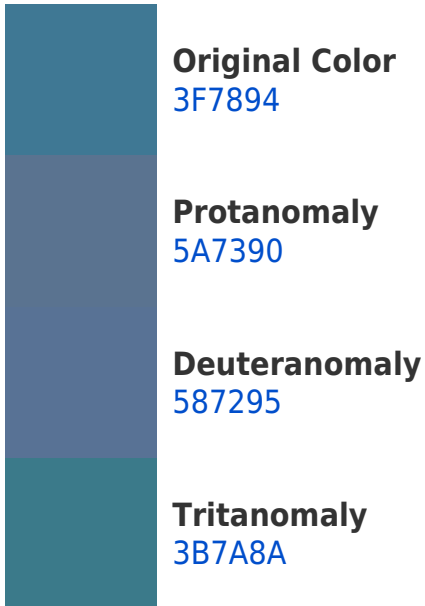
Dichromacy



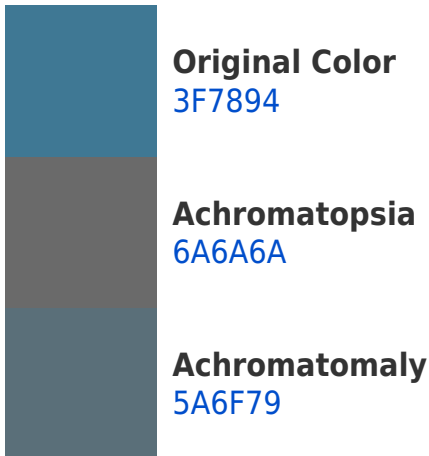


Tritanopia
397B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F7894 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 #3F7894 looks like.

```
.text, #text, p{  
    color:#3F7894  
}
```

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 #3F7894 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F7894
}
```

Border

The CSS property to change the border of an element to Hex 3F7894 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
#3F7894 }
```

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

```
.border{ border-color:#3F7894 }
```

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

Here you see how a box with a 4 pixel #3F7894 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F7894; -webkit-box-shadow:4px 4px  
4px 4px #3F7894; box-shadow:4px 4px 4px  
4px #3F7894 }
```

Background

The CSS property to change the background color of an element to Hex 3F7894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F7894 }
```

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

```
.background{ background-color:#3F7894 }
```

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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