

Converting Colors

Hex(3D7498)

Have a look what the booklet for
Hex(3D7498) contains.

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Color

Hex(3D7498)

Conversions

Conversions Part 1

Format	Color
Hex	3D7498
RGB	61, 116, 152
RGB Percent	24%, 45%, 60%
CMY	0.7608, 0.5451, 0.4039
CMYK	0.60, 0.24, 0.00, 0.40
HSL	204°, 43%, 42%
HSV	204°, 60%, 60%
XYZ	13.8374, 15.7499, 32.0165
YIQ	103.6590, -44.3360, -0.4640

Conversions

Conversions Part 2

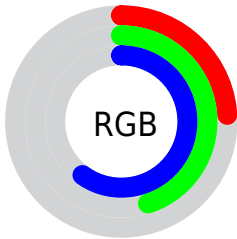
Format	Color
RYB	61, 95, 152
Decimal	4027544
CIELab	46.64, -6.99, -24.99
CIElCh	47, 25.946, 254.375
Yxy	15.7499, 0.2246, 0.2557
Android (android.graphics.Color)	4282217624 (0xFF3D7498)
YUV	103.6590, 23.8321, -37.4119
Hunter-Lab	39.6861, -7.2131, -20.0515

Details

The Hex color **3D7498** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **98613D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **74A8CE**, and **004465** is the 20% darker color. If you saturate the color by 10%, you get **2E6E98**, and if you desaturate by 10%, it is **4C7A98**.

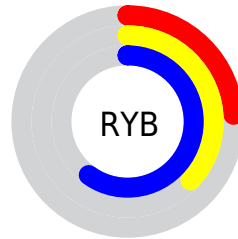
Distribution



Red (24%)

Green (45%)

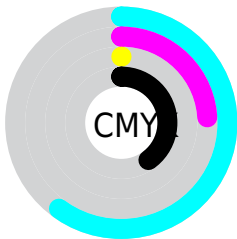
Blue (60%)



Red (24%)

Yellow (37%)

Blue (60%)

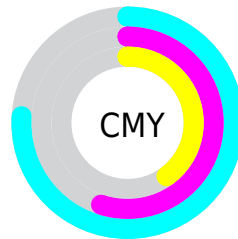


Cyan (60%)

Magenta (24%)

Yellow (0%)

Black (40%)



Cyan (76%)

Magenta (55%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D7498 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 3D7498 by changing the saturation by 10% instead.

■ 3D7498

■ 3D7498

FFFFFF

■ 1E5B7E

■ 74A8CE

■ 004465

■ 90C3EB

■ 002E4D

■ ACDFFF

■ 001A36

■ C8FCFF

■ 000220

■ E5FFFF

■ 000005

■ 000000

■ 3D7498

■ 3D7498

■ 2E6E98

■ 4C7A98

■ 1F6898

■ 5B8098

■ 0F6298

■ 6B8698

■ 005C98

■ 7A8C98

■ 899298

■ 989898

■ A79E98

■ B7A498

■ C6AA98

Harmonies

Analogous

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



1F798C



3D7498



616D99

Triad

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



3D7498



995E65



5A764F

Complementary

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



3D7498



98613D

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.



737144



3D7498



956251

Square

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



3D7498



925F7B



876945



3F7962

Rectangle

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



3D7498



756892



876945



63754A

Sweetspot

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



3D7498



A1B6C4



3D9860



4E5B63



E3E3E3



636363

Same Dimension

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



3D7498



378CC4



3D4898



45494D



00558C



00080D

Inverse Universe

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



983D74



C4378C



988D3D



4D4549



8C0055



0D0008

Previews

White Background



This preview shows how the Hex color 3D7498 looks on a white background.

Color Contrast Check

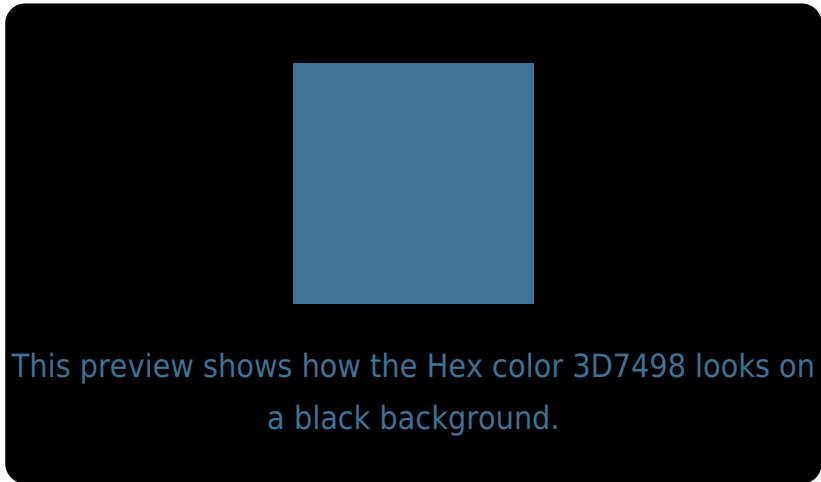
Large Text (above 18pt) WCAG AA ✓ Pass

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

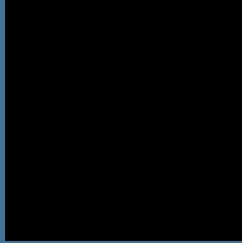
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

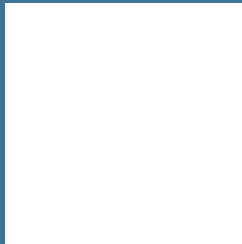
Any Text WCAG AAA × Fail

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

Hex 3D7498 Background



This preview shows how black text looks on a background with the Hex color 3D7498.

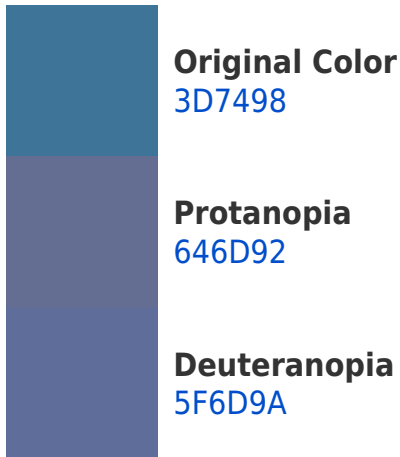


This preview shows how white text looks on a background with the Hex color 3D7498.

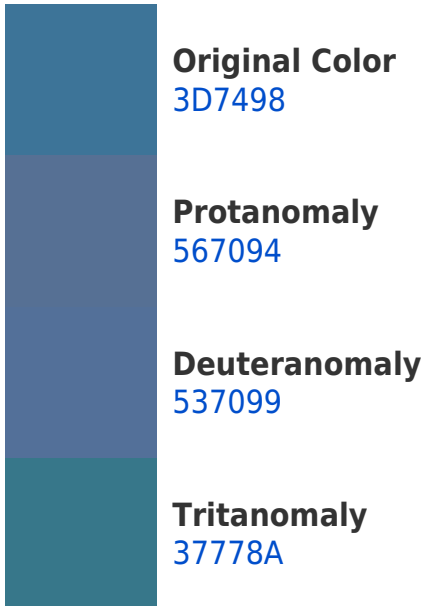
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D7498 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 #3D7498 looks like.

```
.text, #text, p{  
    color:#3D7498  
}
```

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 #3D7498 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D7498
}
```

Border

The CSS property to change the border of an element to Hex 3D7498 is called "border". The border property can be set on classes, ids or directly on the HTML element.

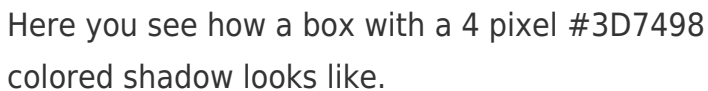
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D7498 }
```

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

```
.border{ border-color:#3D7498 }
```

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



Here you see how a box with a 4 pixel #3D7498 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D7498; -webkit-box-shadow:4px 4px  
4px 4px #3D7498; box-shadow:4px 4px 4px  
4px #3D7498 }
```

Background

The CSS property to change the background color of an element to Hex 3D7498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D7498 }
```

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

```
.background{ background-color:#3D7498 }
```

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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