

Converting Colors

Hex(3D7B90)

Have a look what the booklet for
Hex(3D7B90) contains.

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Color

Hex(3D7B90)

Conversions

Conversions Part 1

Format	Color
Hex	3D7B90
RGB	61, 123, 144
RGB Percent	24%, 48%, 56%
CMY	0.7608, 0.5176, 0.4353
CMYK	0.58, 0.15, 0.00, 0.44
HSL	195°, 40%, 40%
HSV	195°, 58%, 56%
XYZ	14.0415, 17.1716, 28.9599
YIQ	106.8560, -43.6930, -6.6130

Conversions

Conversions Part 2

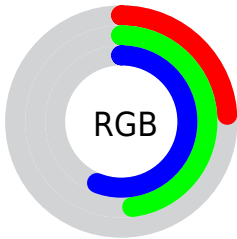
Format	Color
RYB	61, 96, 144
Decimal	4029328
CIELab	48.48, -13.59, -17.46
CIElCh	48, 22.124, 232.091
Yxy	17.1716, 0.2334, 0.2854
Android (android.graphics.Color)	4282219408 (0xFF3D7B90)
YUV	106.8560, 18.3120, -40.2157
Hunter-Lab	41.4387, -12.0331, -12.4285

Details

The Hex color **3D7B90** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **90523D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **74B0C6**, and **004A5E** is the 20% darker color. If you saturate the color by 10%, you get **2F7790**, and if you desaturate by 10%, it is **4B7F90**.

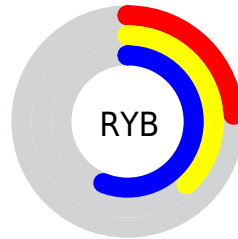
Distribution



Red (24%)

Green (48%)

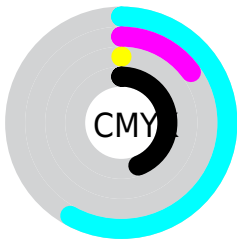
Blue (56%)



Red (24%)

Yellow (38%)

Blue (56%)

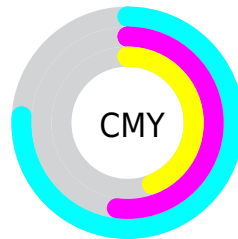


Cyan (58%)

Magenta (15%)

Yellow (0%)

Black (44%)



Cyan (76%)

Magenta (52%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D7B90 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 3D7B90 by changing the saturation by 10% instead.

■ 3D7B90

■ 3D7B90

FFFFFF

■ 1F6276

■ 74B0C6

■ 004A5E

■ 8FCBE2

■ 003346

■ ABE7FF

■ 001F2F

■ C7FFFF

■ 00011B

■ E4FFFF

■ 000000

■ 3D7B90

■ 3D7B90

■ 2F7790

■ 4B7F90

■ 207490

■ 5A8290

127090

688690

036C90

778A90

006C90

858D90

939190

A29590

B09890

BF9C90

Harmonies

Analogous

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



397D80



3D7B90



547698

Triad

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



3D7B90



956679



727650

Complementary

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



3D7B90



90523D

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.



85704E



3D7B90



996666

Square

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



3D7B90



866A8A



936A56



5D7B5C

Rectangle

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



3D7B90



667297



936A56



79744E

Sweetspot

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



3D7B90



9BB2BA



3D9052



4B5A5E



DEDEDE



5E5E5E

Same Dimension

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



3D7B90



3A9ABA



3D5290



404647



006587



000608

Inverse Universe

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



903D7B



BA3A9A



907B3D



474046



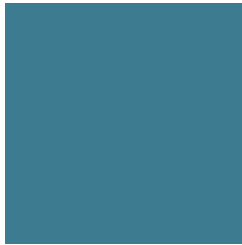
870065



080006

Previews

White Background



This preview shows how the Hex color 3D7B90 looks on a white background.

Color Contrast Check

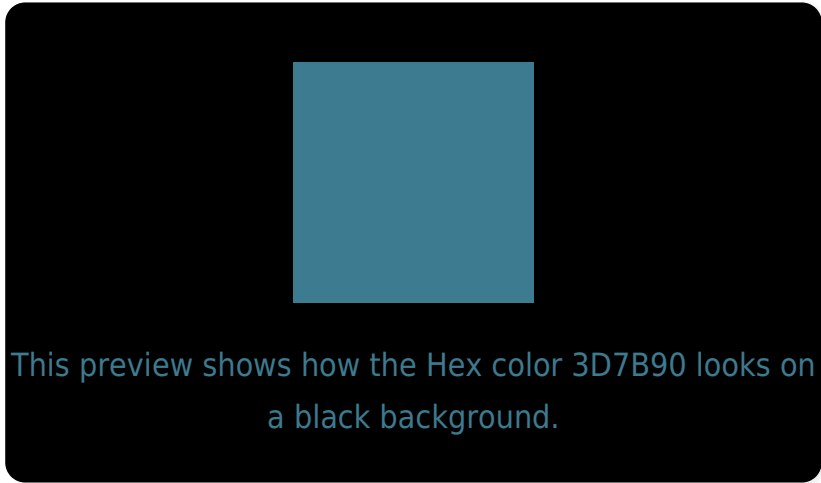
Large Text (above 18pt) WCAG AA ✓ Pass

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

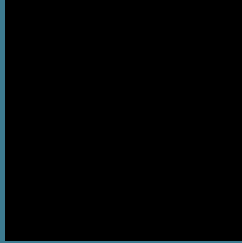
Any Text WCAG AA × Fail

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 3D7B90 Background



This preview shows how black text looks on a background with the Hex color 3D7B90.



This preview shows how white text looks on a background with the Hex color 3D7B90.

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



Original Color
3D7B90

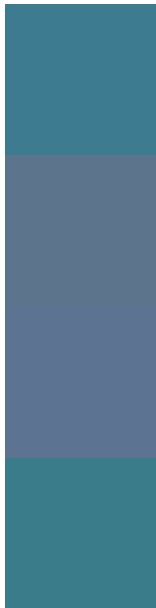
Protanopia
6D7289

Deuteranopia
6D7092



Tritanopia
397D87

Trichromacy



Original Color
3D7B90

Protanomaly
5C758C

Deuteranomaly
5C7491

Tritanomaly
3A7C8A

Monochromacy



Original Color
3D7B90

Achromatopsia
6B6B6B

Achromatomaly
5A7178

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D7B90 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 #3D7B90 looks like.

```
.text, #text, p{  
    color:#3D7B90  
}
```

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 #3D7B90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D7B90
}
```

Border

The CSS property to change the border of an element to Hex 3D7B90 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
#3D7B90 }
```

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

```
.border{ border-color:#3D7B90 }
```

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

Here you see how a box with a 4 pixel #3D7B90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D7B90; -webkit-box-shadow:4px 4px  
4px 4px #3D7B90; box-shadow:4px 4px 4px  
4px #3D7B90 }
```

Background

The CSS property to change the background color of an element to Hex 3D7B90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D7B90 }
```

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

```
.background{ background-color:#3D7B90 }
```

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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