

Converting Colors

Hex(3A7D99)

Have a look what the booklet for
Hex(3A7D99) contains.

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Color

Hex(3A7D99)

Conversions

Conversions Part 1

Format	Color
Hex	3A7D99
RGB	58, 125, 153
RGB Percent	23%, 49%, 60%
CMY	0.7725, 0.5098, 0.4000
CMYK	0.62, 0.18, 0.00, 0.40
HSL	198°, 45%, 41%
HSV	198°, 62%, 60%
XYZ	14.8283, 17.8667, 32.8041
YIQ	108.1590, -48.9200, -5.4960

Conversions

Conversions Part 2

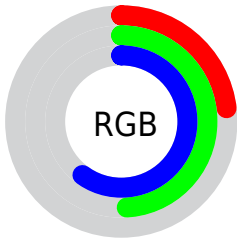
Format	Color
RYB	58, 97, 153
Decimal	3833241
CIELab	49.33, -12.45, -21.43
CIElCh	49, 24.783, 239.856
Yxy	17.8667, 0.2264, 0.2728
Android (android.graphics.Color)	4282023321 (0xFF3A7D99)
YUV	108.1590, 22.1066, -43.9894
Hunter-Lab	42.2690, -11.3515, -16.4254

Details

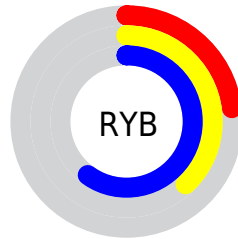
The Hex color **3A7D99** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **99563A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **72B2CF**, and **004C66** is the 20% darker color. If you saturate the color by 10%, you get **2B7899**, and if you desaturate by 10%, it is **498299**.

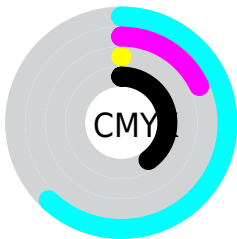
Distribution



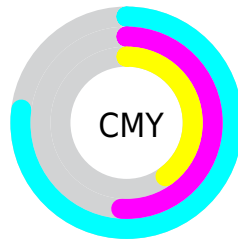
- Red (23%)
- Green (49%)
- Blue (60%)



- Red (23%)
- Yellow (38%)
- Blue (60%)



- Cyan (62%)
- Magenta (18%)
- Yellow (0%)
- Black (40%)



- Cyan (77%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A7D99 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 3A7D99 by changing the saturation by 10% instead.

 3A7D99

 3A7D99

FFFFFF

 19647F

 72B2CF

 004C66

 8ECDEC

 00354E

 AAE9FF

 002037

 C7FFFF

 000222

 E4FFFF

 000007

 000000

 3A7D99

 3A7D99

 2B7899

 498299

■ 1B7499

■ 598699

■ 0C6F99

■ 688B99

■ 006C99

■ 778F99

■ 879499

■ 969899

■ A59D99

■ B4A199

■ C4A699

Harmonies

Analogous

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



2D8089



3A7D99



59779F

Triad

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



3A7D99



9D6576



6E7A50

Complementary

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



3A7D99



99563A

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.



84744B



3A7D99



9E6761

Square

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



3A7D99



90698B



956D52



557F60

Rectangle

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



3A7D99



6E729D



956D52



75784D

Sweetspot

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



3A7D99



A1BCC7



3A9955



4D5D63



E3E3E3



636363

Same Dimension

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



3A7D99



329BC7



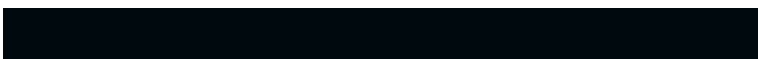
3A4F99



454A4D



00638C



00090D

Inverse Universe

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



993A7D



C7329B



99843A



4D454A



8C0063



0D0009

Previews

White Background



This preview shows how the Hex color 3A7D99 looks on a white background.

Color Contrast Check

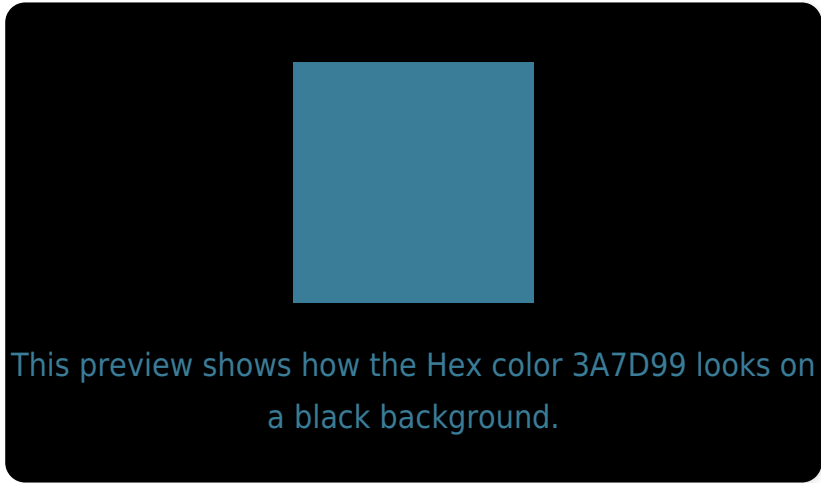
Large Text (above 18pt) WCAG AA ✓ Pass

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

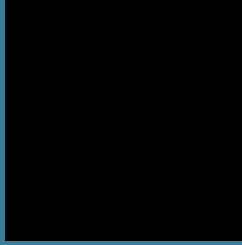
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 3A7D99 Background



This preview shows how black text looks on a background with the Hex color 3A7D99.

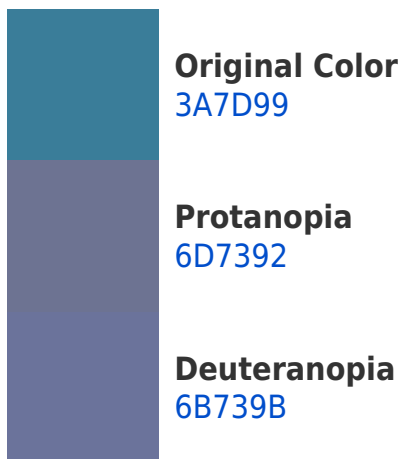


This preview shows how white text looks on a background with the Hex color 3A7D99.

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
33808A

Trichromacy



Original Color
3A7D99

Protanomaly
5A7795

Deuteranomaly
59779A

Tritanomaly
367F8F

Monochromacy



Original Color
3A7D99

Achromatopsia
6C6C6C

Achromatomaly
5A727C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A7D99 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 #3A7D99 looks like.

```
.text, #text, p{  
    color:#3A7D99  
}
```

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 #3A7D99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A7D99  
}
```

Border

The CSS property to change the border of an element to Hex 3A7D99 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  
#3A7D99 }
```

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

```
.border{ border-color:#3A7D99 }
```

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

Here you see how a box with a 4 pixel #3A7D99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A7D99; -webkit-box-shadow:4px 4px  
4px 4px #3A7D99; box-shadow:4px 4px 4px  
4px #3A7D99 }
```

Background

The CSS property to change the background color of an element to Hex 3A7D99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A7D99 }
```

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

```
.background{ background-color:#3A7D99 }
```

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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