

Converting Colors

Hex(3D7A9A)

Have a look what the booklet for
Hex(3D7A9A) contains.

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Color

Hex(3D7A9A)

Conversions

Conversions Part 1

Format	Color
Hex	3D7A9A
RGB	61, 122, 154
RGB Percent	24%, 48%, 60%
CMY	0.7608, 0.5216, 0.3961
CMYK	0.60, 0.21, 0.00, 0.40
HSL	201°, 43%, 42%
HSV	201°, 60%, 60%
XYZ	14.7167, 17.2443, 33.1247
YIQ	107.4090, -46.6280, -2.9800

Conversions

Conversions Part 2

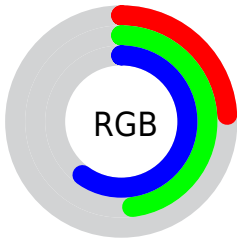
Format	Color
RYB	61, 98, 154
Decimal	4029082
CIELab	48.57, -9.81, -23.19
CIELCh	49, 25.181, 247.064
Yxy	17.2443, 0.2261, 0.2649
Android (android.graphics.Color)	4282219162 (0xFF3D7A9A)
YUV	107.4090, 22.9694, -40.7007
Hunter-Lab	41.5262, -9.4111, -18.2262

Details

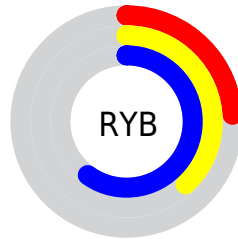
The Hex color **3D7A9A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9A5D3D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **75AED1**, and **004967** is the 20% darker color. If you saturate the color by 10%, you get **2E759A**, and if you desaturate by 10%, it is **4C7F9A**.

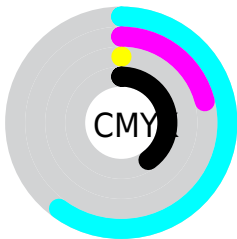
Distribution



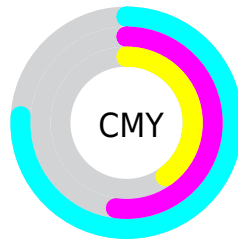
- Red (24%)
- Green (48%)
- Blue (60%)



- Red (24%)
- Yellow (38%)
- Blue (60%)



- Cyan (60%)
- Magenta (21%)
- Yellow (0%)
- Black (40%)



- Cyan (76%)
- Magenta (52%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D7A9A 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 3D7A9A by changing the saturation by 10% instead.

■ 3D7A9A

■ 3D7A9A

FFFFFF

■ 1E6180

■ 75AED1

■ 004967

■ 90CAED

■ 00334F

■ ACE6FF

■ 001E38

■ C9FFFF

■ 000222

■ E6FFFF

■ 000008

■ 000000

■ 3D7A9A

■ 3D7A9A

■ 2E759A

■ 4C7F9A

■ 1E6F9A

■ 5C859A

■ 0F6A9A

■ 6B8A9A

■ 00659A

■ 7B8F9A

■ 8A949A

■ 999A9A

■ A99F9A

■ B8A49A

■ C8AA9A

Harmonies

Analogous

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



297E8C



3D7A9A



5E749D

Triad

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



3D7A9A



9D636F



667A51

Complementary

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



3D7A9A



9A5D3D

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.



7D7449



3D7A9A



9B665B

Square

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



3D7A9A



926684



906C4D



4C7E62

Rectangle

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



3D7A9A



736F99



906C4D



6E784D

Sweetspot

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



3D7A9A



A5BDC9



3D9A5C



505E66



E6E6E6



666666

Same Dimension

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



3D7A9A



3898C9



3D4D9A



454A4D



005C8C



00080D

Inverse Universe

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



9A3D7A



C93898



9A8B3D



4D454A



8C005C



0D0008

Previews

White Background



This preview shows how the Hex color 3D7A9A looks on a white background.

Color Contrast Check

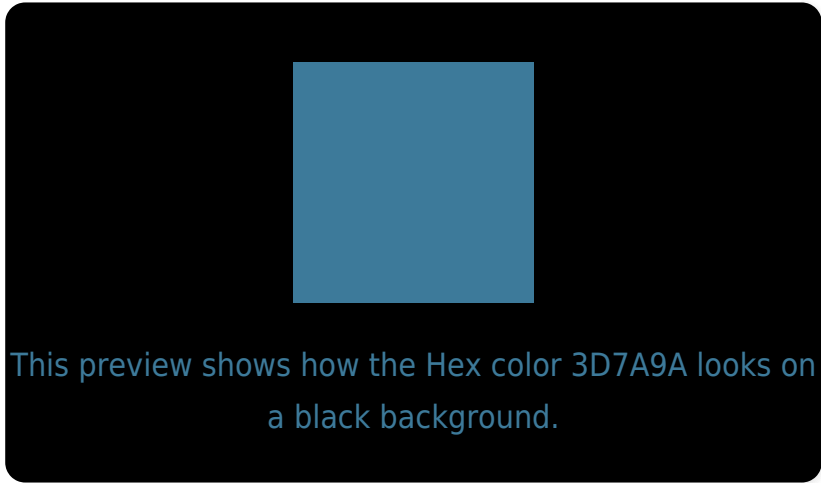
Large Text (above 18pt) WCAG AA ✓ Pass

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

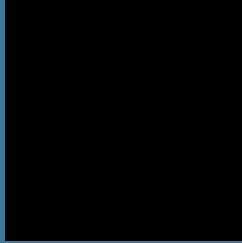
Any Text WCAG AA × Fail

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 3D7A9A Background



This preview shows how black text looks on a background with the Hex color 3D7A9A.



This preview shows how white text looks on a background with the Hex color 3D7A9A.

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](#).

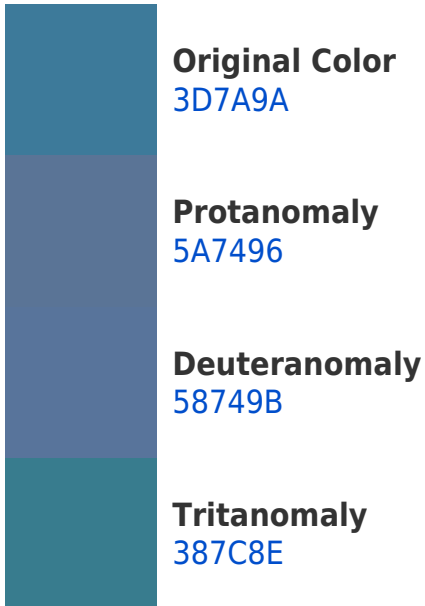
Dichromacy





Tritanopia
357D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D7A9A 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 #3D7A9A looks like.

```
.text, #text, p{  
    color:#3D7A9A  
}
```

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 #3D7A9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D7A9A
}
```

Border

The CSS property to change the border of an element to Hex 3D7A9A 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
#3D7A9A }
```

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

```
.border{ border-color:#3D7A9A }
```

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

Here you see how a box with a 4 pixel #3D7A9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D7A9A; -webkit-box-shadow:4px 4px  
4px 4px #3D7A9A; box-shadow:4px 4px 4px  
4px #3D7A9A }
```

Background

The CSS property to change the background color of an element to Hex 3D7A9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D7A9A }
```

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

```
.background{ background-color:#3D7A9A }
```

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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