

Converting Colors

Hex(3A8E90)

Have a look what the booklet for
Hex(3A8E90) contains.

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Color

Hex(3A8E90)

Conversions

Conversions Part 1

Format	Color
Hex	3A8E90
RGB	58, 142, 144
RGB Percent	23%, 56%, 56%
CMY	0.7725, 0.4431, 0.4353
CMYK	0.60, 0.01, 0.00, 0.44
HSL	181°, 43%, 40%
HSV	181°, 60%, 56%
XYZ	16.4520, 22.2592, 29.8149
YIQ	117.1120, -50.7060, -17.1860

Conversions

Conversions Part 2

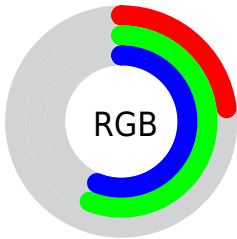
Format	Color
R_{YB}	58, 100, 144
Decimal	3837584
CIE _{Lab}	54.30, -24.37, -8.67
CIE _{LCh}	54, 25.863, 199.575
Y _{xy}	22.2592, 0.2401, 0.3248
Android (android.graphics.Color)	4282027664 (0xFF3A8E90)
YUV	117.1120, 13.2558, -51.8412
Hunter-Lab	47.1796, -20.3197, -4.4423

Details

The Hex color **3A8E90** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **903C3A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **73C4C6**, and **005B5E** is the 20% darker color. If you saturate the color by 10%, you get **2C8E90**, and if you desaturate by 10%, it is **488E90**.

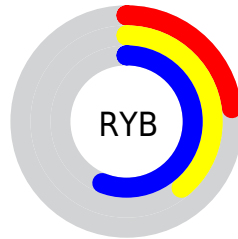
Distribution



Red (23%)

Green (56%)

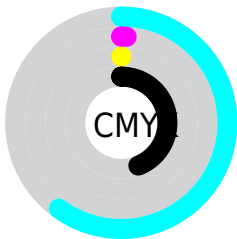
Blue (56%)



Red (23%)

Yellow (39%)

Blue (56%)

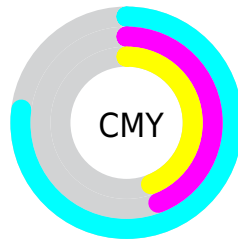


Cyan (60%)

Magenta (1%)

Yellow (0%)

Black (44%)



Cyan (77%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A8E90 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 3A8E90 by changing the saturation by 10% instead.

 3A8E90

 3A8E90

FFFFFF

 187476

 73C4C6

 005B5E

 8FE0E2

 004346

 ABFDFF

 002D30

 C8FFFF

 00181B

 E5FFFF

 000000

 3A8E90

 3A8E90

 2C8E90

 488E90

 1D8D90

 578F90

0F8D90

658F90

008D90

748F90

829090

909090

9F9090

AD9190

BC9190

Harmonies

Analogous

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



4F8E79



3A8E90



3D8CA3

Triad

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



3A8E90



97779F



987E56

Complementary

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



3A8E90



903C3A

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.



A87661



3A8E90



A9728B

Square

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



3A8E90



7A7FAC



AE7274



828557

Rectangle

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



3A8E90



4D88AB



AE7274



9F7B58

Sweetspot

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



3A8E90



99B9BA



3A903B



4A5E5E



DEDEDE



5E5E5E

Same Dimension

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



3A8E90



34B7BA



3A6490



404747



008487



000708

Inverse Universe

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



903A8E



BA34B7



90663A



474047



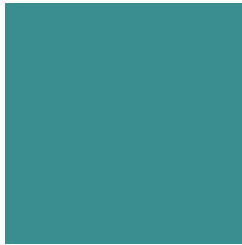
870084



080007

Previews

White Background



This preview shows how the Hex color 3A8E90 looks on a white background.

Color Contrast Check

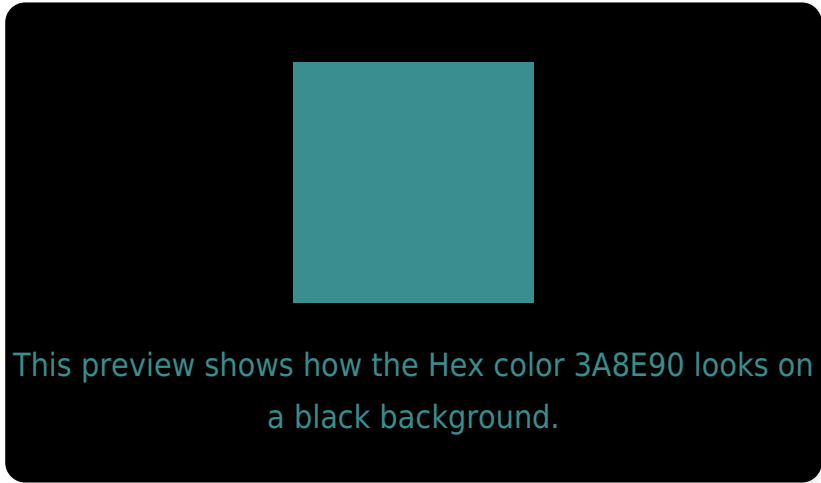
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

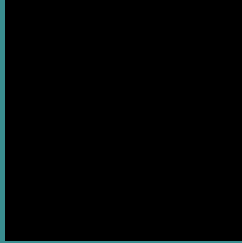
Any Text WCAG AA ✓ Pass

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 3A8E90 Background



This preview shows how black text looks on a background with the Hex color 3A8E90.

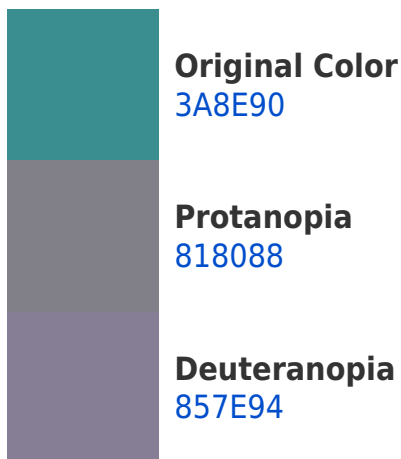


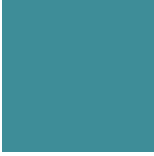
This preview shows how white text looks on a background with the Hex color 3A8E90.

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](#).

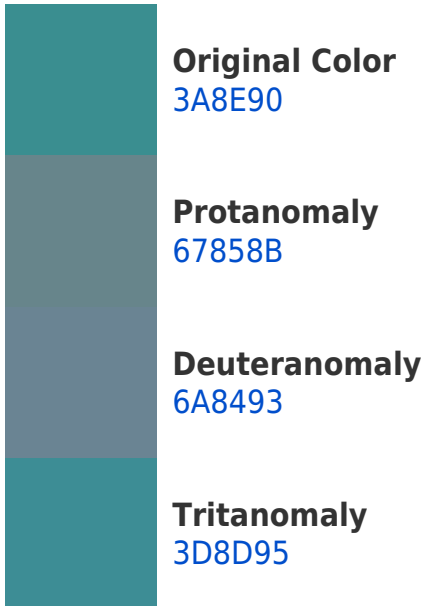
Dichromacy



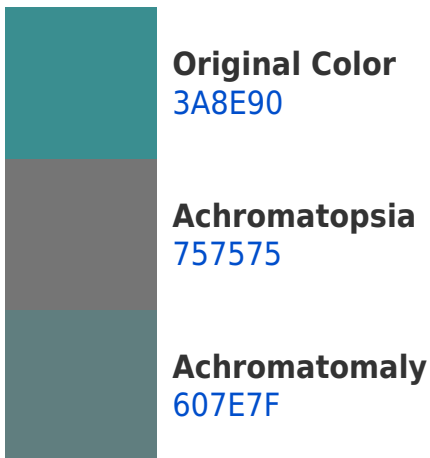


Tritanopia
3E8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A8E90 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 #3A8E90 looks like.

```
.text, #text, p{  
    color:#3A8E90  
}
```

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 #3A8E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A8E90
}
```

Border

The CSS property to change the border of an element to Hex 3A8E90 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
#3A8E90 }
```

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

```
.border{ border-color:#3A8E90 }
```

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

Here you see how a box with a 4 pixel #3A8E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A8E90; -webkit-box-shadow:4px 4px  
4px 4px #3A8E90; box-shadow:4px 4px 4px  
4px #3A8E90 }
```

Background

The CSS property to change the background color of an element to Hex 3A8E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A8E90 }
```

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

```
.background{ background-color:#3A8E90 }
```

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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