

Converting Colors

Hex(3EA690)

Have a look what the booklet for
Hex(3EA690) contains.

Hex(3EA690)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3EA690)

Conversions

Conversions Part 1

Format	Color
Hex	3EA690
RGB	62, 166, 144
RGB Percent	24%, 65%, 56%
CMY	0.7569, 0.3490, 0.4353
CMYK	0.63, 0.00, 0.13, 0.35
HSL	167°, 46%, 45%
HSV	167°, 63%, 65%
XYZ	20.6569, 30.3102, 31.1473
YIQ	132.3960, -54.9220, -28.8900

Conversions

Conversions Part 2

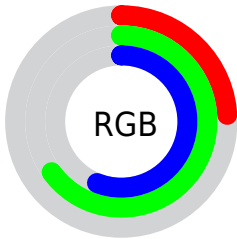
Format	Color
RYB	62, 120, 166
Decimal	4105872
CIELab	61.92, -35.25, 2.57
CIELCh	62, 35.343, 175.836
Yxy	30.3102, 0.2516, 0.3691
Android (android.graphics.Color)	4282295952 (0xFF3EA690)
YUV	132.3960, 5.7208, -61.7373
Hunter-Lab	55.0547, -29.3714, 4.9949

Details

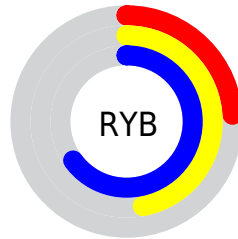
The Hex color **3EA690** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A63E54**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **79DEC6**, and **00715E** is the 20% darker color. If you saturate the color by 10%, you get **2DA68C**, and if you desaturate by 10%, it is **4FA694**.

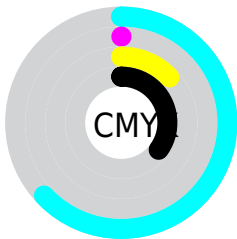
Distribution



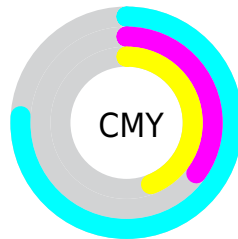
- Red (24%)
- Green (65%)
- Blue (56%)



- Red (24%)
- Yellow (47%)
- Blue (65%)



- Cyan (63%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)



- Cyan (76%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EA690 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 3EA690 by changing the saturation by 10% instead.

 3EA690

 3EA690

FFFFFF

 1A8B76

 79DEC6

 00715E

 95FAE2

 005846

 B2FFFE

 004030

 CFFFFFF

 002A1B

 ECFFFF

 000D00

 000000

 3EA690

 3EA690

 2DA68C

 4FA694

■ 1DA689

■ 5FA697

■ 0CA685

■ 70A69B

■ 00A683

■ 80A69E

■ 91A6A2

■ A2A6A5

■ B2A6A9

■ C3A6AC

■ D3A6B0

Harmonies

Analogous

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



69A371



3EA690



00A6B0

Triad

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



3EA690



938FCE



C68763

Complementary

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



3EA690



A63E54

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.



D27F7C



3EA690



B984B9

Square

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



3EA690



5F9AD4



CE7D9B



AE9257

Rectangle

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



3EA690



02A4C2



CE7D9B



CC846A

Sweetspot

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



3EA690



B0D9D0



55A63E



546E68



EDEDED



6E6E6E

Same Dimension

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



3EA690



36D9B6



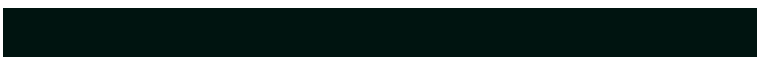
3E89A6



4C5452



009475



001410

Inverse Universe

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



A63E54



D93659



A65B3E



544C4E



94001F



140004

Previews

White Background



This preview shows how the Hex color 3EA690 looks on a white background.

Color Contrast Check

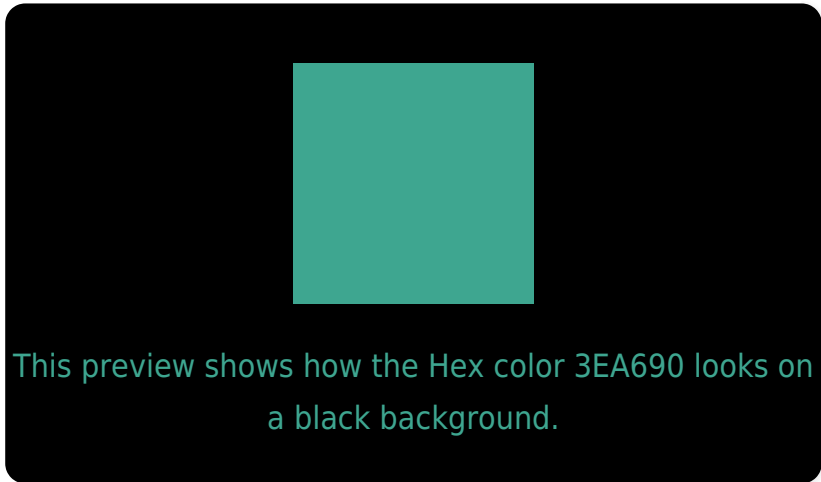
Large Text (above 18pt) WCAG AA × Fail

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

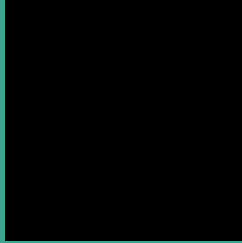
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 3EA690 Background



This preview shows how black text looks on a background with the Hex color 3EA690.

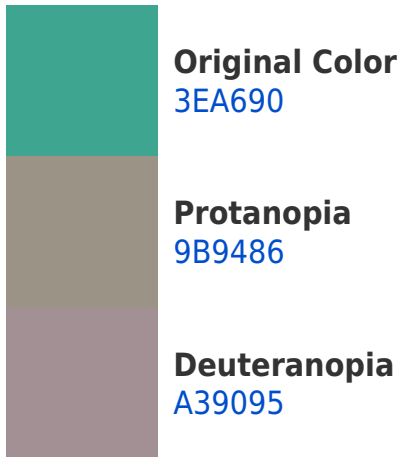


This preview shows how white text looks on a background with the Hex color 3EA690.

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
4AA2AF

Trichromacy



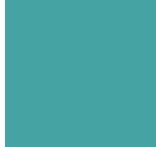
Original Color
3EA690



Protanomaly
799B8A



Deuteranomaly
7E9893



Tritanomaly
46A3A4

Monochromacy



Original Color
3EA690



Achromatopsia
848484



Achromatomaly
6B9088

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EA690 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 #3EA690 looks like.

```
.text, #text, p{  
    color:#3EA690  
}
```

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 #3EA690 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EA690
}
```

Border

The CSS property to change the border of an element to Hex 3EA690 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
#3EA690 }
```

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

```
.border{ border-color:#3EA690 }
```

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

Here you see how a box with a 4 pixel #3EA690 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EA690; -webkit-box-shadow:4px 4px  
4px 4px #3EA690; box-shadow:4px 4px 4px  
4px #3EA690 }
```

Background

The CSS property to change the background color of an element to Hex 3EA690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EA690 }
```

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

```
.background{ background-color:#3EA690 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor