

Converting Colors

Hex(3CA790)

Have a look what the booklet for
Hex(3CA790) contains.

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Color

Hex(3CA790)

Conversions

Conversions Part 1

Format	Color
Hex	3CA790
RGB	60, 167, 144
RGB Percent	24%, 65%, 56%
CMY	0.7647, 0.3451, 0.4353
CMYK	0.64, 0.00, 0.14, 0.35
HSL	167°, 47%, 45%
HSV	167°, 64%, 65%
XYZ	20.7162, 30.6117, 31.2023
YIQ	132.3850, -56.3890, -29.8370

Conversions

Conversions Part 2

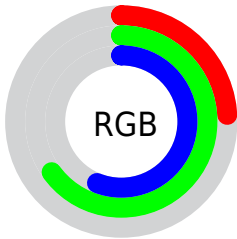
Format	Color
RYB	60, 120, 167
Decimal	3975056
CIELab	62.18, -36.07, 2.93
CIElCh	62, 36.192, 175.352
Yxy	30.6117, 0.2510, 0.3709
Android (android.graphics.Color)	4282165136 (0xFF3CA790)
YUV	132.3850, 5.7262, -63.4816
Hunter-Lab	55.3278, -29.9885, 5.2927

Details

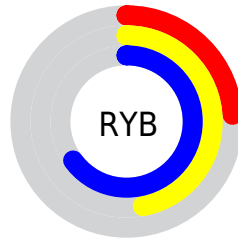
The Hex color **3CA790** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A73C53**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **77DFC6**, and **00725E** is the 20% darker color. If you saturate the color by 10%, you get **2BA78C**, and if you desaturate by 10%, it is **4DA794**.

Distribution



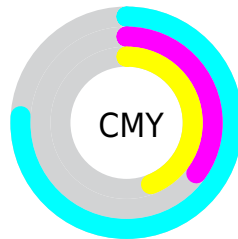
- Red (24%)
- Green (65%)
- Blue (56%)



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



- Cyan (64%)
- Magenta (0%)
- Yellow (14%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 3CA790 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 3CA790 by changing the saturation by 10% instead.



3CA790



3CA790

FFFFFF



168C76



77DFC6



00725E



94FCE2



005946



B1FFFE



004130



CEFFFF



002A1B



EBFFFF



000E00



000000



3CA790



3CA790



2BA78C



4DA794

■ 1BA789

■ 5DA797

■ 0AA785

■ 6EA79B

■ 00A783

■ 7FA79E

■ 8FA7A2

■ A0A7A6

■ B1A7A9

■ C2A7AD

■ D2A7B0

Harmonies

Analogous

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



6AA471



3CA790



00A7B1

Triad

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



3CA790



9290D0



C88763

Complementary

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



3CA790



A73C53

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.



D47F7C



3CA790



BA84BB

Square

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



3CA790



5D9BD6



D07D9D



B09356

Rectangle

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



3CA790



00A5C3



D07D9D



CE846A

Sweetspot

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



3CA790



B0D9D0



53A73C



546E68



EDEDED



6E6E6E

Same Dimension

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



3CA790



32D9B5



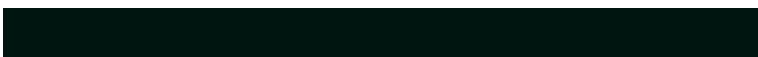
3C89A7



4C5452



009474



001410

Inverse Universe

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



A73C53



D93256



A75A3C



544C4E



940020



140004

Previews

White Background



This preview shows how the Hex color 3CA790 looks on a white background.

Color Contrast Check

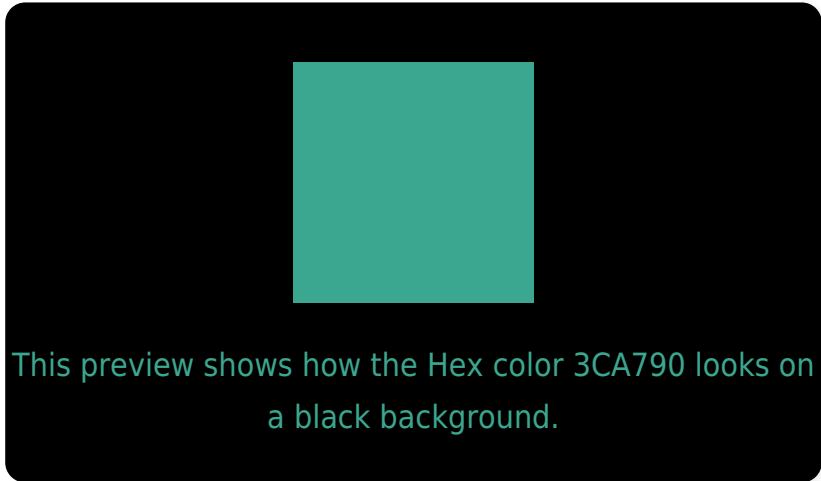
Large Text (above 18pt) WCAG AA × Fail

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

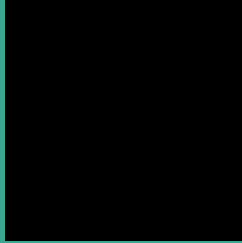
Any Text WCAG AA ✓ Pass

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 3CA790 Background



This preview shows how black text looks on a background with the Hex color 3CA790.

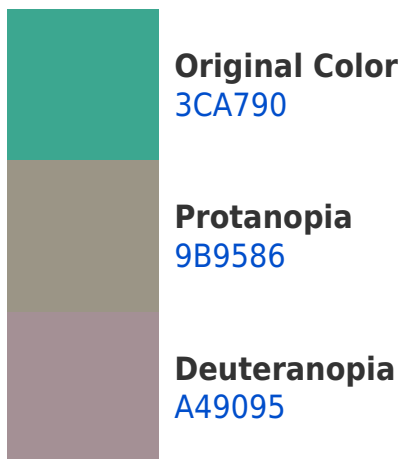


This preview shows how white text looks on a background with the Hex color 3CA790.

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](#).

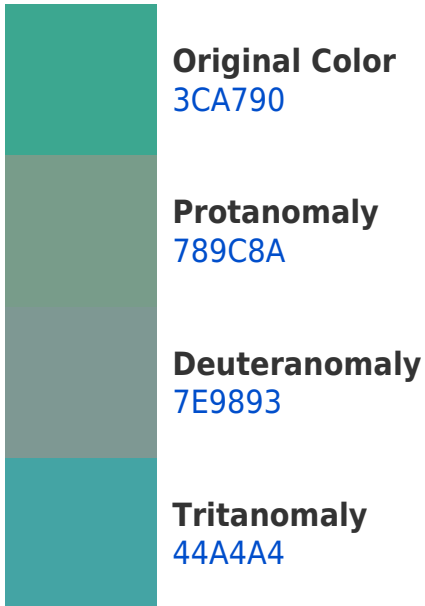
Dichromacy



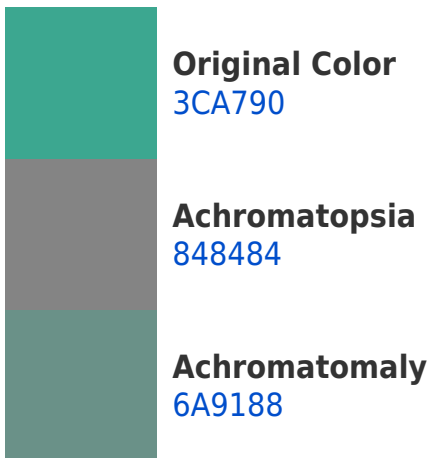


Tritanopia
49A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CA790 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 #3CA790 looks like.

```
.text, #text, p{  
    color:#3CA790  
}
```

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 #3CA790 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CA790
}
```

Border

The CSS property to change the border of an element to Hex 3CA790 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
#3CA790 }
```

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

```
.border{ border-color:#3CA790 }
```

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

Here you see how a box with a 4 pixel #3CA790 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CA790; -webkit-box-shadow:4px 4px  
4px 4px #3CA790; box-shadow:4px 4px 4px  
4px #3CA790 }
```

Background

The CSS property to change the background color of an element to Hex 3CA790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CA790 }
```

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

```
.background{ background-color:#3CA790 }
```

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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