

Converting Colors

Hex(3C9C86)

Have a look what the booklet for
Hex(3C9C86) contains.

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Color

Hex(3C9C86)

Conversions

Conversions Part 1

Format	Color
Hex	3C9C86
RGB	60, 156, 134
RGB Percent	24%, 61%, 53%
CMY	0.7647, 0.3882, 0.4745
CMYK	0.62, 0.00, 0.14, 0.39
HSL	166°, 44%, 42%
HSV	166°, 62%, 61%
XYZ	18.0550, 26.4588, 26.7097
YIQ	124.7880, -50.1540, -27.1940

Conversions

Conversions Part 2

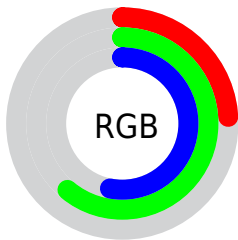
Format	Color
RYB	60, 114, 156
Decimal	3972230
CIELab	58.47, -33.57, 3.20
CIELCh	58, 33.719, 174.558
Yxy	26.4588, 0.2535, 0.3715
Android (android.graphics.Color)	4282162310 (0xFF3C9C86)
YUV	124.7880, 4.5415, -56.8191
Hunter-Lab	51.4381, -27.3624, 5.2198

Details

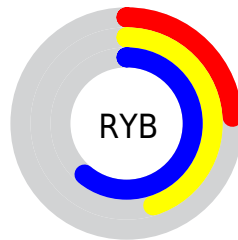
The Hex color **3C9C86** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C3C52**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **75D3BB**, and **006854** is the 20% darker color. If you saturate the color by 10%, you get **2C9C82**, and if you desaturate by 10%, it is **4C9C8A**.

Distribution



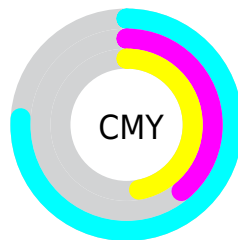
- Red (24%)
- Green (61%)
- Blue (53%)



- Red (24%)
- Yellow (45%)
- Blue (61%)



- Cyan (62%)
- Magenta (0%)
- Yellow (14%)
- Black (39%)



- Cyan (76%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C9C86 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 3C9C86 by changing the saturation by 10% instead.



3C9C86



3C9C86

FFFFFF



1A826D



75D3BB



006854



91F0D7



004F3D



AFFFF3



003828



CBFFFF



002413



E8FFFF



000000



3C9C86



3C9C86



2C9C82



4C9C8A



1D9C7F



5B9C8D

0D9C7B

6B9C91

009C78

7A9C94

8A9C98

9A9C9B

A99C9F

B99CA3

C89CA6

Harmonies

Analogous

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



659969



3C9C86



019CA4

Triad

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



3C9C86



8887C2



BB7F5D

Complementary

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



3C9C86



9C3C52

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.



C67776



3C9C86



AD7CAF

Square

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



3C9C86



5791C7



C27693



A58951

Rectangle

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



3C9C86



009AB5



C27693



C07C64

Sweetspot

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



3C9C86



A7CCC4



529C3C



506661



E6E6E6



666666

Same Dimension

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



3C9C86



35CCA9



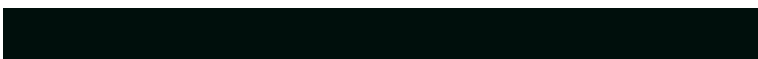
3C829C



474F4D



008F6E



000F0C

Inverse Universe

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



9C3C52



CC3558



9C563C



4F4749



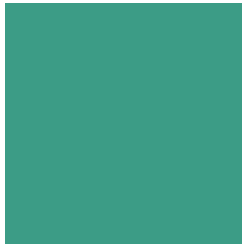
8F0021



0F0004

Previews

White Background



This preview shows how the Hex color 3C9C86 looks on a white background.

Color Contrast Check

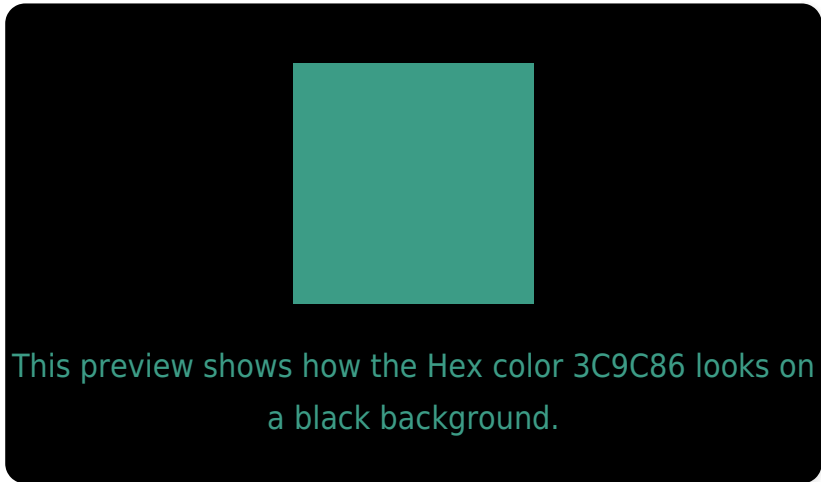
Large Text (above 18pt) WCAG AA ✓ Pass

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

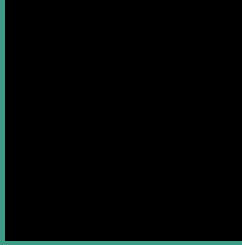
Any Text WCAG AA ✓ Pass

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 3C9C86 Background



This preview shows how black text looks on a background with the Hex color 3C9C86.

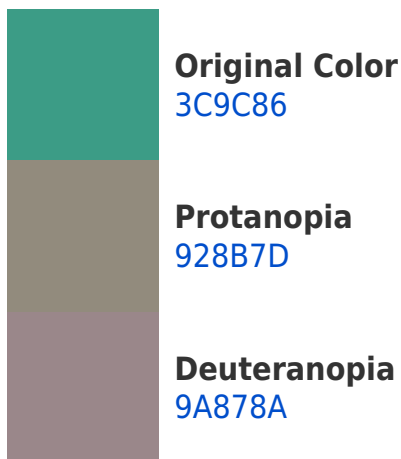


This preview shows how white text looks on a background with the Hex color 3C9C86.

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](#).

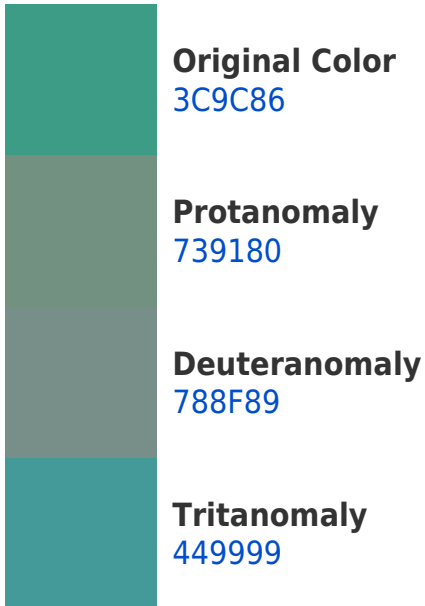
Dichromacy





Tritanopia
4898A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C9C86 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 #3C9C86 looks like.

```
.text, #text, p{  
    color:#3C9C86  
}
```

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 #3C9C86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C9C86
}
```

Border

The CSS property to change the border of an element to Hex 3C9C86 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
#3C9C86 }
```

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

```
.border{ border-color:#3C9C86 }
```

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

Here you see how a box with a 4 pixel #3C9C86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C9C86; -webkit-box-shadow:4px 4px  
4px 4px #3C9C86; box-shadow:4px 4px 4px  
4px #3C9C86 }
```

Background

The CSS property to change the background color of an element to Hex 3C9C86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C9C86 }
```

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

```
.background{ background-color:#3C9C86 }
```

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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