

# Converting Colors

Hex(3CAB91)

Have a look what the booklet for  
Hex(3CAB91) contains.

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**Color**

**Hex(3CAB91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CAB91
RGB	60, 171, 145
RGB Percent	24%, 67%, 57%
CMY	0.7647, 0.3294, 0.4314
CMYK	0.65, 0.00, 0.15, 0.33
HSL	166°, 48%, 45%
HSV	166°, 65%, 67%
XYZ	21.5372, 32.1308, 31.8548
YIQ	134.8470, -57.8100, -31.6180

# Conversions

## Conversions Part 2

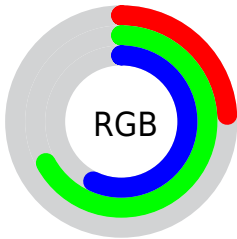
Format	Color
<a href="#">RYB</a>	<a href="#">60, 123, 171</a>
Decimal	<a href="#">3976081</a>
CIELab	<a href="#">63.45, -37.63, 4.21</a>
CIELCh	<a href="#">63, 37.868, 173.611</a>
Yxy	<a href="#">32.1308, 0.2518, 0.3757</a>
Android (android.graphics.Color)	<a href="#">4282166161</a> ( <a href="#">0xFF3CAB91</a> )
YUV	<a href="#">134.8470, 5.0054, -65.6408</a>
Hunter-Lab	<a href="#">56.6840, -31.3756, 6.3596</a>

# Details

The Hex color **3CAB91** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AB3C56**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **78E3C7**, and **00765F** is the 20% darker color. If you saturate the color by 10%, you get **2BAB8D**, and if you desaturate by 10%, it is **4DAB95**.

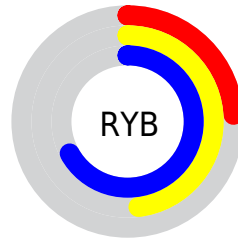
# Distribution



Red (24%)

Green (67%)

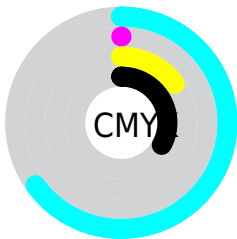
Blue (57%)



Red (24%)

Yellow (48%)

Blue (67%)

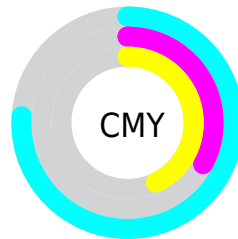


Cyan (65%)

Magenta (0%)

Yellow (15%)

Black (33%)



Cyan (76%)

Magenta (33%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CAB91 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 3CAB91 by changing the saturation by 10% instead.





3CAB91



3CAB91

FFFFFF



149077



78E3C7



00765F



95FFE3



005D47



B2FFFF



004431



CFFFFFF



002D1C



ECFFFF



001402



000000



3CAB91



3CAB91



2BAB8D



4DAB95

■ 1AAB89

■ 5EAB99

■ 09AB85

■ 6FAB9D

■ 00AB83

■ 80ABA1

■ 91ABA5

■ A3ABA9

■ B4ABAD

■ C5ABB1

■ D6ABB5

# Harmonies

## Analogous

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



6DA770



3CAB91



00ABB3

# Triad

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



3CAB91



9394D7



CF8965

# Complementary

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



3CAB91



AB3C56

# 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.



DB8080



3CAB91



BD87C2

# Square

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



3CAB91



589FDC



D580A2



B69556

# Rectangle

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



3CAB91



00A9C7



D580A2



D4866D



# Sweetspot

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



3CAB91



B4DED4



58AB3C



56706A



F0F0F0



707070



# Same Dimension

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



3CAB91



31DEB5



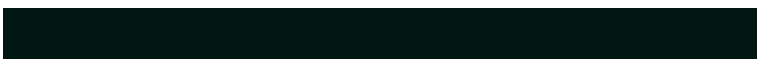
3C8FAB



4E5755



009673



001712



# Inverse Universe

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



AB3C56



DE3159



AB583C



574E50



960023

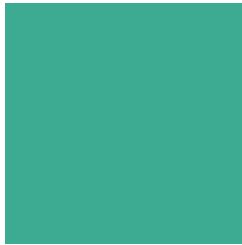


170005



# Previews

## White Background



This preview shows how the Hex color 3CAB91 looks on a white background.

## Color Contrast Check

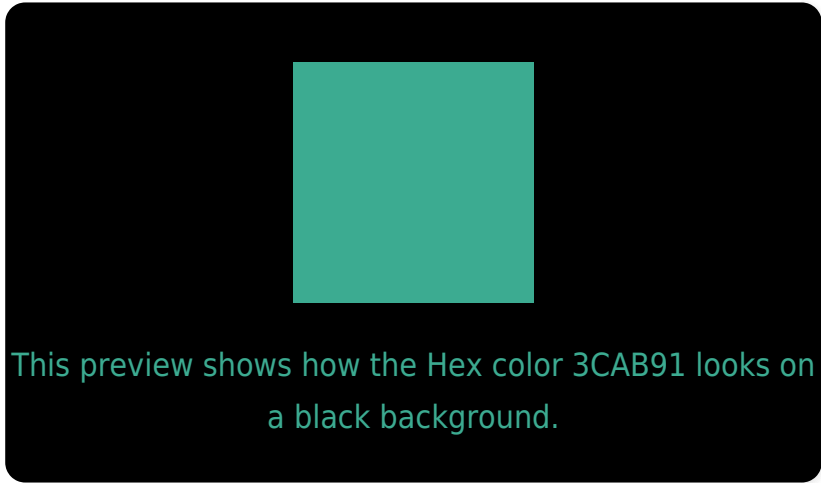
Large Text (above 18pt) WCAG AA × Fail

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

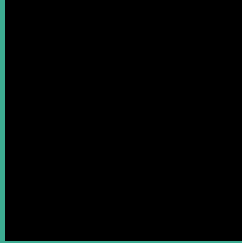
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3CAB91 Background



This preview shows how black text looks on a background with the Hex color 3CAB91.

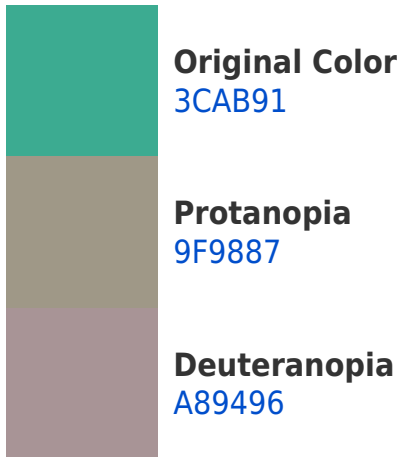


This preview shows how white text looks on a background with the Hex color 3CAB91.

# 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**  
4BA6B4

# Trichromacy



**Original Color**  
3CAB91



**Protanomaly**  
7B9F8B



**Deuteranomaly**  
819C94



**Tritanomaly**  
46A8A7

# Monochromacy



**Original Color**  
3CAB91



**Achromatopsia**  
878787



**Achromatomaly**  
6C948B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CAB91 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 #3CAB91 looks like.

```
.text, #text, p{  
    color:#3CAB91  
}
```

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 #3CAB91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CAB91
}
```

## Border

The CSS property to change the border of an element to Hex 3CAB91 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
#3CAB91 }
```

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

```
.border{ border-color:#3CAB91 }
```

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

Here you see how a box with a 4 pixel #3CAB91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CAB91; -webkit-box-shadow:4px 4px  
4px 4px #3CAB91; box-shadow:4px 4px 4px  
4px #3CAB91 }
```

# Background

The CSS property to change the background color of an element to Hex 3CAB91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CAB91 }
```

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

```
.background{ background-color:#3CAB91 }
```

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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