

# Converting Colors

Hex(73B190)

Have a look what the booklet for  
Hex(73B190) contains.

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**Color**

**Hex(73B190)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73B190
RGB	115, 177, 144
RGB Percent	45%, 69%, 56%
CMY	0.5490, 0.3059, 0.4353
CMYK	0.35, 0.00, 0.19, 0.31
HSL	148°, 28%, 57%
HSV	148°, 35%, 69%
XYZ	27.8264, 37.1027, 32.0805
YIQ	154.7000, -26.3590, -23.4070

# Conversions

## Conversions Part 2

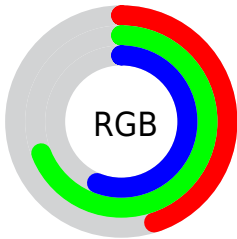
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 157, 177</a>
Decimal	<a href="#">7582096</a>
CIELab	<a href="#">67.35, -27.28, 10.63</a>
CIELCh	<a href="#">67, 29.279, 158.711</a>
Yxy	<a href="#">37.1027, 0.2868, 0.3825</a>
Android (android.graphics.Color)	<a href="#">4285772176 (0xFF73B190)</a>
YUV	<a href="#">154.7000, -5.2751, -34.8169</a>
Hunter-Lab	<a href="#">60.9120, -25.0519, 11.4122</a>

# Details

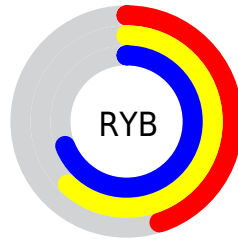
The Hex color **73B190** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B17394**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A9E9C6**, and **3F7C5E** is the 20% darker color. If you saturate the color by 10%, you get **61B187**, and if you desaturate by 10%, it is **85B199**.

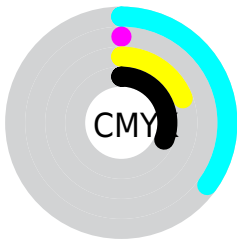
# Distribution



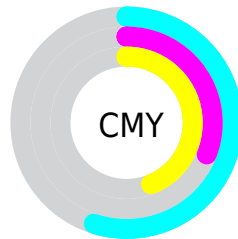
- Red (45%)
- Green (69%)
- Blue (56%)



- Red (45%)
- Yellow (62%)
- Blue (69%)



- Cyan (35%)
- Magenta (0%)
- Yellow (19%)
- Black (31%)



- Cyan (55%)
- Magenta (31%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73B190 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 73B190 by changing the saturation by 10% instead.



 73B190

 73B190

FFFFFF

 599676

 A9E9C6

 3F7C5E

 C5FFE2

 266346

 E1FFFF

 074B30

FEFFFF

 00331A

 002000

 000000

 73B190

 73B190

 61B187

 85B199

 50B17D

 96B1A3

 3EB174

 A8B1AC

 2CB16A

 BAB1B6

 1AB161

 CBB1BF

 09B157

 DDB1C9

 00B153

 EFB1D2

 FFB1DB

 FFB1E5

# Harmonies

## Analogous

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



92AC7A



73B190



58B3AB

# Triad

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



73B190



8DA4D8



D69484

# Complementary

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



73B190



B17394

# 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.



D8909D



73B190



B29ACD

# Square

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



73B190



67ACD4



CC93B8



C79C73

# Rectangle

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



73B190



4FB2BC



CC93B8



D8928C



# Sweetspot

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



73B190



CCE6D8



94B173



64736B



F2F2F2



737373



# Same Dimension

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



73B190



85E6B2



73B1AF



505954



009948



001A0C



# Inverse Universe

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



B17394



E685B8



B17375



595055



990051



1A000E



# Previews

## White Background



This preview shows how the Hex color 73B190 looks on a white background.

## Color Contrast Check

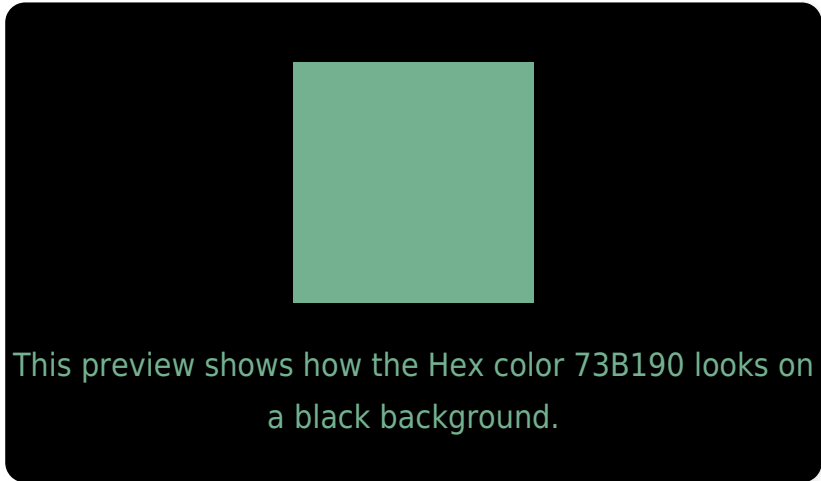
Large Text (above 18pt) WCAG AA × Fail

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

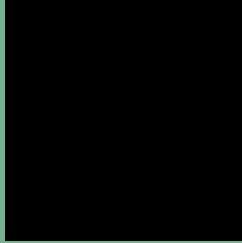
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73B190 Background



This preview shows how black text looks on a background with the Hex color 73B190.

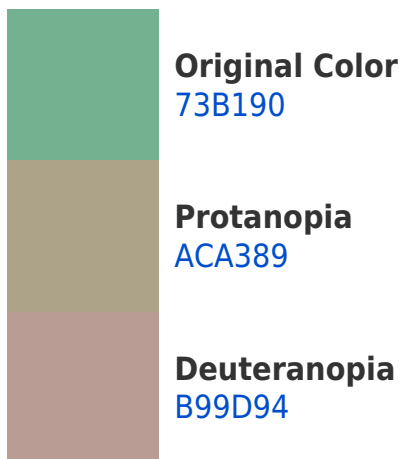


This preview shows how white text looks on a background with the Hex color 73B190.

# Color Blindness Simulation

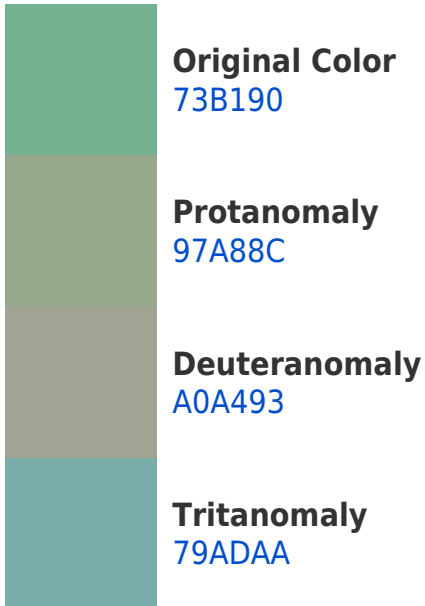
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

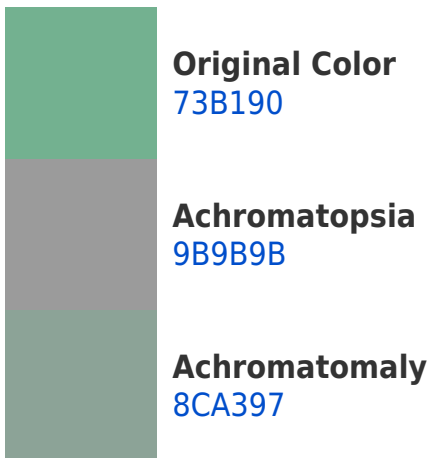




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73B190 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 #73B190 looks like.

```
.text, #text, p{  
    color:#73B190  
}
```

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 #73B190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73B190
}
```

## Border

The CSS property to change the border of an element to Hex 73B190 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
#73B190 }
```

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

```
.border{ border-color:#73B190 }
```

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

Here you see how a box with a 4 pixel #73B190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73B190; -webkit-box-shadow:4px 4px  
4px 4px #73B190; box-shadow:4px 4px 4px  
4px #73B190 }
```

# Background

The CSS property to change the background color of an element to Hex 73B190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73B190 }
```

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

```
.background{ background-color:#73B190 }
```

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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