

# Converting Colors

Hex(73C197)

Have a look what the booklet for  
Hex(73C197) contains.

|  |    |
|--|----|
| <b>Hex(73C197)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(73C197)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 73C197                       |
| RGB         | 115, 193, 151                |
| RGB Percent | 45%, 76%, 59%                |
| CMY         | 0.5490, 0.2431, 0.4078       |
| CMYK        | 0.40, 0.00, 0.22, 0.24       |
| HSL         | 148°, 39%, 60%               |
| HSV         | 148°, 40%, 76%               |
| XYZ         | 31.7261, 44.0191, 36.1026    |
| YIQ         | 164.8900, -33.0060, -29.5980 |

# Conversions

## Conversions Part 2

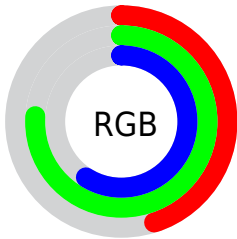
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">115, 168, 193</a>                                |
| Decimal                             | <a href="#">7586199</a>                                      |
| CIELab                              | <a href="#">72.24, -33.51, 13.71</a>                         |
| CIELCh                              | <a href="#">72, 36.207, 157.745</a>                          |
| Yxy                                 | <a href="#">44.0191, 0.2837, 0.3936</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4285776279</a><br>( <a href="#">0xFF73C197</a> ) |
| YUV                                 | <a href="#">164.8900, -6.8478, -43.7535</a>                  |
| Hunter-Lab                          | <a href="#">66.3469, -30.7511, 14.1803</a>                   |

# Details

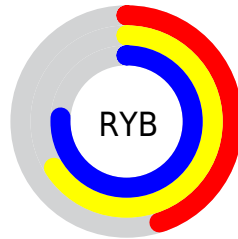
The Hex color **73C197** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C1739D**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **AAFACD**, and **3D8B64** is the 20% darker color. If you saturate the color by 10%, you get **60C18D**, and if you desaturate by 10%, it is **86C1A1**.

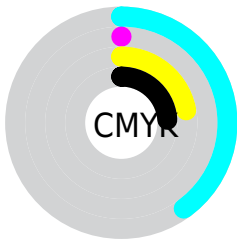
# Distribution



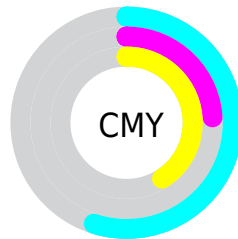
- Red (45%)
- Green (76%)
- Blue (59%)



- Red (45%)
- Yellow (66%)
- Blue (76%)



- Cyan (40%)
- Magenta (0%)
- Yellow (22%)
- Black (24%)



- Cyan (55%)
- Magenta (24%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73C197 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 73C197 by changing the saturation by 10% instead.



 73C197

 73C197


FFFFFF

 58A67D

 AAFACD

 3D8B64

 C6FFE9

 21714C

 E3FFFF

 005835

 004020

 002A09

 000F00

 000000

 73C197

 73C197

 60C18D

 86C1A1

 4CC182

 9AC1AC

 39C178

 ADC1B6

 26C16D

 C0C1C1

 13C163

 D3C1CB

 00C159

 E7C1D5

 FAC1E0

 FFC1EA

 FFC1F5

# Harmonies

## Analogous

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



9BBB7C



73C197



4AC3B9

# Triad

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



73C197



90B1F2



EF9C8A

# Complementary

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



73C197



C1739D

# 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.



F198AA



73C197



C0A5E6

# Square

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



73C197



5BBBEE



E29BCB



DCA775

# Rectangle

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



73C197



36C2CF



E29BCB



F19A94

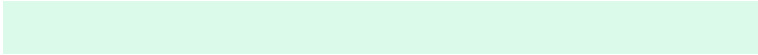


# Sweetspot

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



73C197



DCFAEA



9EC173



6B7D74



FCFCFC



7D7D7D



# Same Dimension

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



73C197



82FAB9



73C1BD



57615C



00A14A



00210F



# Inverse Universe

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



C1739D



FA82C3



C17377



61575C



A10057



210012



# Previews

## White Background



This preview shows how the Hex color 73C197 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



This preview shows how the Hex color 73C197 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

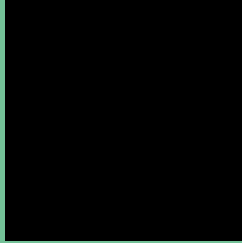
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73C197 Background



This preview shows how black text looks on a background with the Hex color 73C197.

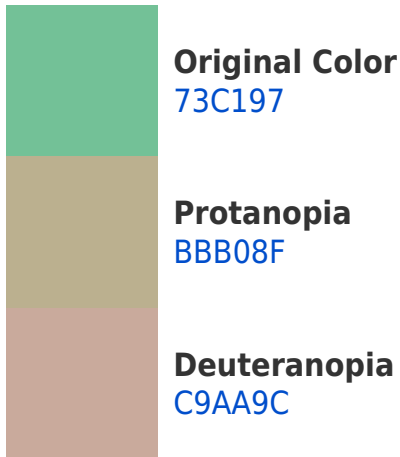


This preview shows how white text looks on a background with the Hex color 73C197.

# 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



**Original Color**  
73C197



**Protanomaly**  
A1B692



**Deuteranomaly**  
AAB29A

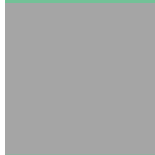


**Tritanomaly**  
7BBDB7

# Monochromacy



**Original Color**  
73C197



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
93AFA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73C197 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 #73C197 looks like.

```
.text, #text, p{  
    color:#73C197  
}
```

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 #73C197 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73C197
}
```

## Border

The CSS property to change the border of an element to Hex 73C197 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
#73C197 }
```

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

```
.border{ border-color:#73C197 }
```

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

Here you see how a box with a 4 pixel #73C197 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73C197; -webkit-box-shadow:4px 4px  
4px 4px #73C197; box-shadow:4px 4px 4px  
4px #73C197 }
```

# Background

The CSS property to change the background color of an element to Hex 73C197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73C197 }
```

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

```
.background{ background-color:#73C197 }
```

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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