

# Converting Colors

Hex(73C79D)

Have a look what the booklet for  
Hex(73C79D) contains.

<b>Hex(73C79D)</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(73C79D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73C79D
RGB	115, 199, 157
RGB Percent	45%, 78%, 62%
CMY	0.5490, 0.2196, 0.3843
CMYK	0.42, 0.00, 0.21, 0.22
HSL	150°, 43%, 62%
HSV	150°, 42%, 78%
XYZ	33.5795, 46.9260, 39.1861
YIQ	169.0960, -36.5820, -30.8700

# Conversions

## Conversions Part 2

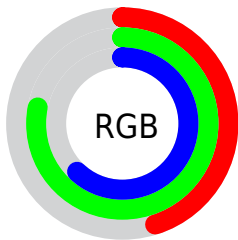
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 171, 199
Decimal	7587741
CIELab	74.14, -35.08, 13.16
CIELCh	74, 37.464, 159.441
Yxy	46.9260, 0.2805, 0.3921
Android (android.graphics.Color)	4285777821 (0xFF73C79D)
YUV	169.0960, -5.9633, -47.4422
Hunter-Lab	68.5026, -32.3801, 14.0356

# Details

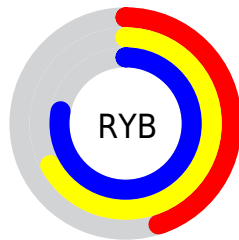
The Hex color **73C79D** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C7739D**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **AAFFD4**, and **3C916A** is the 20% darker color. If you saturate the color by 10%, you get **5FC793**, and if you desaturate by 10%, it is **87C7A7**.

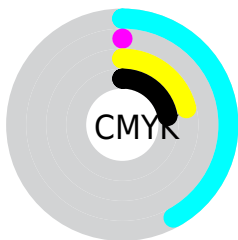
# Distribution



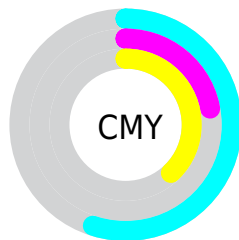
- Red (45%)
- Green (78%)
- Blue (62%)



- Red (45%)
- Yellow (67%)
- Blue (78%)



- Cyan (42%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)



- Cyan (55%)
- Magenta (22%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73C79D 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 73C79D by changing the saturation by 10% instead.



 73C79D

 73C79D

FFFFFF

 58AB83

 AAFFD4

 3C916A

 C7FFF0

 1E7651

 E4FFFF

 005D3A

 004524

 002E10

 001700

 000000

 73C79D

 73C79D

 5FC793

 87C7A7

 4BC789

 9BC7B1

 37C77F

 AFC7BB

 23C775

 C3C7C5

 10C76B

 D7C7CF

 00C764

 EAC7D9

 FEC7E3

 FFC7ED

 FFC7F7

# Harmonies

## Analogous

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



9DC180



73C79D



47C9C0

# Triad

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



73C79D



97B6FA



F5A18C

# Complementary

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



73C79D



C7739D

# 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.



F99CAD



73C79D



C9A9EC

# Square

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



73C79D



5EC0F6



EB9FCF



E2AC76

# Rectangle

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



73C79D



33C8D7



EB9FCF



F99F96

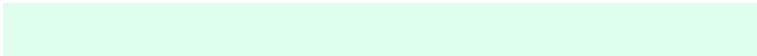


# Sweetspot

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



73C79D



DEFFEE



9DC773



6B8075



000000



808080



# Same Dimension

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



73C79D



7DFFBE



73C7C7



5A635E



00A352



002412



# Inverse Universe

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



C7739D



FF7DBE



C77373



635A5E



A30052



240012



# Previews

## White Background



This preview shows how the Hex color 73C79D looks on a white background.

## Color Contrast Check

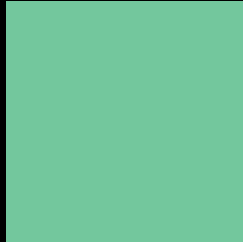
Large Text (above 18pt) WCAG AA × Fail

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 73C79D 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 73C79D Background



This preview shows how black text looks on a background with the Hex color 73C79D.

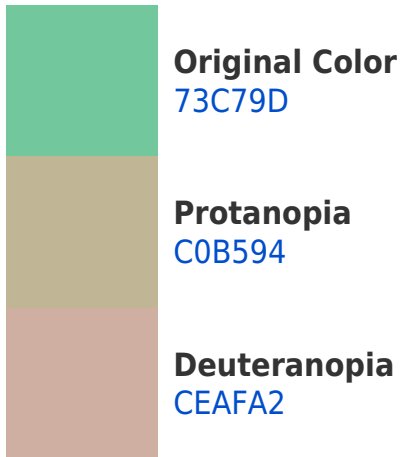


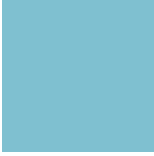
This preview shows how white text looks on a background with the Hex color 73C79D.

# 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**  
7FC0D0

# Trichromacy



**Original Color**  
73C79D



**Protanomaly**  
A4BC97



**Deuteranomaly**  
ADB8A0

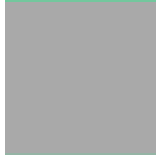


**Tritanomaly**  
7BC3BD

# Monochromacy



**Original Color**  
73C79D



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
95B4A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73C79D 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 #73C79D looks like.

```
.text, #text, p{  
    color:#73C79D  
}
```

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 #73C79D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73C79D
}
```

## Border

The CSS property to change the border of an element to Hex 73C79D 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
#73C79D }
```

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

```
.border{ border-color:#73C79D }
```

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

Here you see how a box with a 4 pixel #73C79D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73C79D; -webkit-box-shadow:4px 4px  
4px 4px #73C79D; box-shadow:4px 4px 4px  
4px #73C79D }
```

# Background

The CSS property to change the background color of an element to Hex 73C79D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73C79D }
```

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

```
.background{ background-color:#73C79D }
```

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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