

# Converting Colors

Hex(73D793)

Have a look what the booklet for  
Hex(73D793) contains.

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**Color**

**Hex(73D793)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73D793
RGB	115, 215, 147
RGB Percent	45%, 84%, 58%
CMY	0.5490, 0.1569, 0.4235
CMYK	0.47, 0.00, 0.32, 0.16
HSL	139°, 56%, 65%
HSV	139°, 47%, 84%
XYZ	36.6371, 54.3523, 36.1638
YIQ	177.3480, -37.7720, -42.3480

# Conversions

## Conversions Part 2

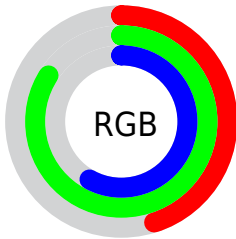
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 191, 215</a>
Decimal	<a href="#">7591827</a>
CIELab	<a href="#">78.67, -44.16, 24.71</a>
CIELCh	<a href="#">79, 50.605, 150.769</a>
Yxy	<a href="#">54.3523, 0.2881, 0.4275</a>
Android (android.graphics.Color)	<a href="#">4285781907 (0xFF73D793)</a>
YUV	<a href="#">177.3480, -14.9616, -54.6792</a>
Hunter-Lab	<a href="#">73.7240, -40.3115, 22.5233</a>

# Details

The Hex color **73D793** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D773B7**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **ACFFC9**, and **399F60** is the 20% darker color. If you saturate the color by 10%, you get **5ED784**, and if you desaturate by 10%, it is **89D7A2**.

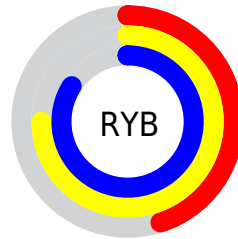
# Distribution



Red (45%)

Green (84%)

Blue (58%)



Red (45%)

Yellow (75%)

Blue (84%)

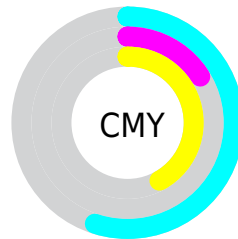


Cyan (47%)

Magenta (0%)

Yellow (32%)

Black (16%)



Cyan (55%)

Magenta (16%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73D793 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 73D793 by changing the saturation by 10% instead.



 73D793

 73D793

FFFFFF

 57BB79

 ACFFC9

 399F60

 C8FFE6

 158548

 E6FFFF

 006B30

 00521A

 003A02

 002400

 000000

 73D793

 73D793

 5ED784

 89D7A2

 48D776

 9ED7B0

 33D767

 B4D7BF

 1DD759

 C9D7CD

 08D74A

 DFD7DC

 00D745

 F4D7EB

 FFD7F9

 FFD7FF

# Harmonies

## Analogous

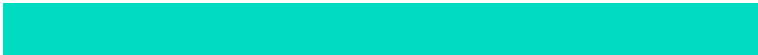
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AECE6F



73D793



00DBC2

# Triad

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



73D793



77C7FF



FFA195

# Complementary

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



73D793



D773B7

# 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.



FF9CC3



73D793



C8B6FF

# Square

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



73D793



00D4FF



FEA5F1



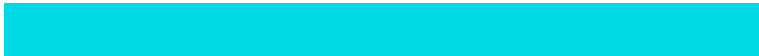
FFB071

# Rectangle

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



73D793



00DBE3



FEA5F1



FF9EA4

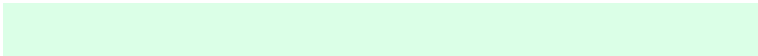


# Sweetspot

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



73D793



DBFFE7



B7D773



6A8071



000000



808080



# Same Dimension

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



73D793



70FF9E



73D7C5



606B64



00AB37



002B0E



# Inverse Universe

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



D773B7



FF70D1



D77385



6B6068



AB0074

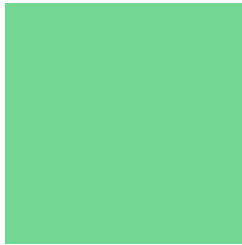


2B001D



# Previews

## White Background



This preview shows how the Hex color 73D793 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 73D793 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

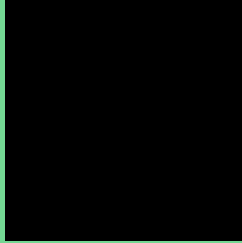
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73D793 Background



This preview shows how black text looks on a background with the Hex color 73D793.

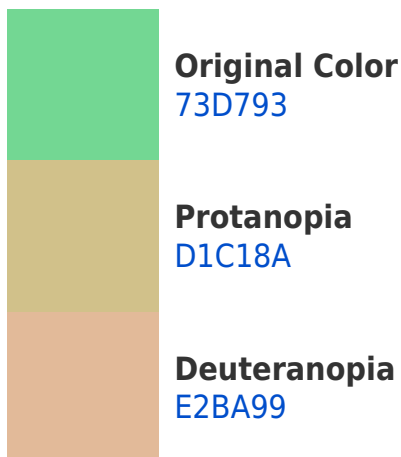


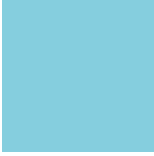
This preview shows how white text looks on a background with the Hex color 73D793.

# 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**  
85CEDE

# Trichromacy



**Original Color**  
73D793



**Protanomaly**  
AFC98D



**Deuteranomaly**  
BAC597



**Tritanomaly**  
7ED1C3

# Monochromacy



**Original Color**  
73D793



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
9ABFA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73D793 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 #73D793 looks like.

```
.text, #text, p{  
    color:#73D793  
}
```

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 #73D793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73D793
}
```

## Border

The CSS property to change the border of an element to Hex 73D793 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
#73D793 }
```

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

```
.border{ border-color:#73D793 }
```

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

Here you see how a box with a 4 pixel #73D793 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73D793; -webkit-box-shadow:4px 4px  
4px 4px #73D793; box-shadow:4px 4px 4px  
4px #73D793 }
```

# Background

The CSS property to change the background color of an element to Hex 73D793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73D793 }
```

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

```
.background{ background-color:#73D793 }
```

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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