

Converting Colors

Hex(73D891)

Have a look what the booklet for
Hex(73D891) contains.

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Color

Hex(73D891)

Conversions

Conversions Part 1

Format	Color
Hex	73D891
RGB	115, 216, 145
RGB Percent	45%, 85%, 57%
CMY	0.5490, 0.1529, 0.4314
CMYK	0.47, 0.00, 0.33, 0.15
HSL	138°, 56%, 65%
HSV	138°, 47%, 85%
XYZ	36.7369, 54.8009, 35.4295
YIQ	177.7070, -37.4050, -43.4930

Conversions

Conversions Part 2

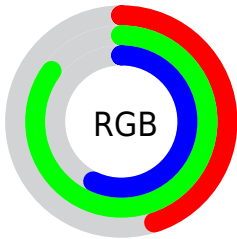
Format	Color
RYB	115, 193, 216
Decimal	7592081
CIELab	78.93, -44.95, 26.10
CIELCh	79, 51.981, 149.855
Yxy	54.8009, 0.2893, 0.4316
Android (android.graphics.Color)	4285782161 (0xFF73D891)
YUV	177.7070, -16.1246, -54.9940
Hunter-Lab	74.0276, -40.9660, 23.4433

Details

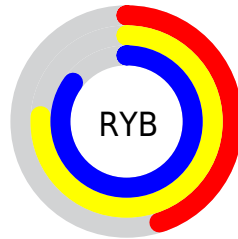
The Hex color **73D891** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D873BA**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **ACFFC7**, and **39A05E** is the 20% darker color. If you saturate the color by 10%, you get **5DD882**, and if you desaturate by 10%, it is **89D8A0**.

Distribution



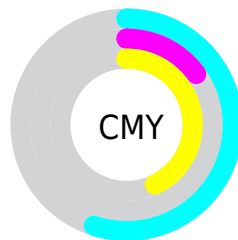
- Red (45%)
- Green (85%)
- Blue (57%)



- Red (45%)
- Yellow (76%)
- Blue (85%)



- Cyan (47%)
- Magenta (0%)
- Yellow (33%)
- Black (15%)



- Cyan (55%)
- Magenta (15%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73D891 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 73D891 by changing the saturation by 10% instead.

 73D891

 73D891

FFFFFF

 57BC77

 ACFFC7

 39A05E

 C9FFE3

 148646

 E6FFFF

 006C2E

 005318

 003A00

 002500

 000000

 73D891

 73D891

 5DD882

 89D8A0

 48D873

 9ED8AF

 32D863

 B4D8BF

 1DD854

 C9D8CE

 07D845

 DFD8DD

 00D840

 F5D8EC

 FFD8FB

 FFD8FF

Harmonies

Analogous

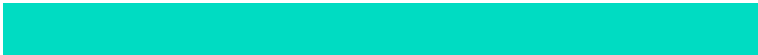
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B0CF6D



73D891



00DCC2

Triad

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



73D891



70C8FF



FFA096

Complementary

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



73D891



D873BA

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.



FF9CC6



73D891



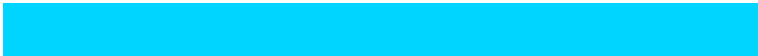
C7B7FF

Square

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



73D891



00D5FF



FFA5F5



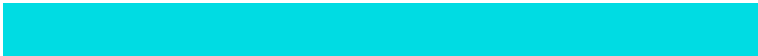
FFAF71

Rectangle

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



73D891



00DCE3



FFA5F5



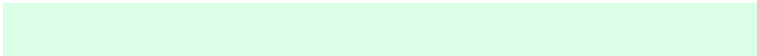
FF9DA5

Sweetspot

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



73D891



DBFFE6



BBD873



6A8070



000000



808080

Same Dimension

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



73D891



70FF9B



73D8C2



606B64



00AB33



002B0D

Inverse Universe

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



D873BA



FF70D5



D87389



6B6068



AB0078



2B001E

Previews

White Background



This preview shows how the Hex color 73D891 looks on a white background.

Color Contrast Check

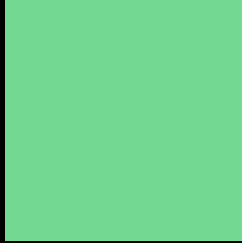
Large Text (above 18pt) WCAG AA × Fail

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 73D891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

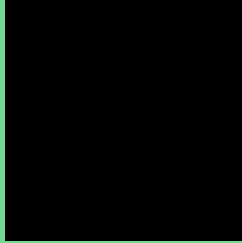
Any Text WCAG AA ✓ Pass

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 73D891 Background



This preview shows how black text looks on a background with the Hex color 73D891.

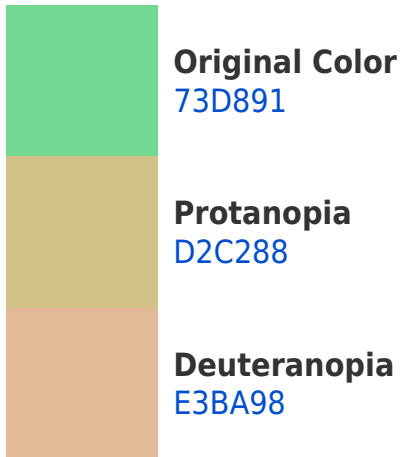


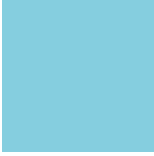
This preview shows how white text looks on a background with the Hex color 73D891.

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
85CEDF

Trichromacy



Original Color
73D891



Protanomaly
AFCA8B



Deuteranomaly
BAC595



Tritanomaly
7ED2C3

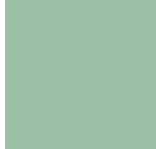
Monochromacy



Original Color
73D891



Achromatopsia
B2B2B2



Achromatomaly
9BC0A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 73D891 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 #73D891 looks like.

```
.text, #text, p{  
    color:#73D891  
}
```

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 #73D891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73D891
}
```

Border

The CSS property to change the border of an element to Hex 73D891 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
#73D891 }
```

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

```
.border{ border-color:#73D891 }
```

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

Here you see how a box with a 4 pixel #73D891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73D891; -webkit-box-shadow:4px 4px  
4px 4px #73D891; box-shadow:4px 4px 4px  
4px #73D891 }
```

Background

The CSS property to change the background color of an element to Hex 73D891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73D891 }
```

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

```
.background{ background-color:#73D891 }
```

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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