

# Converting Colors

Hex(71D18E)

Have a look what the booklet for  
Hex(71D18E) contains.

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**Color**

**Hex(71D18E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71D18E
RGB	113, 209, 142
RGB Percent	44%, 82%, 56%
CMY	0.5569, 0.1804, 0.4431
CMYK	0.46, 0.00, 0.32, 0.18
HSL	138°, 51%, 63%
HSV	138°, 46%, 82%
XYZ	34.4930, 51.0646, 33.6297
YIQ	172.6580, -35.7090, -41.1890

# Conversions

## Conversions Part 2

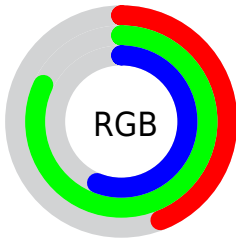
Format	Color
<a href="#">RYB</a>	<a href="#">113, 187, 209</a>
Decimal	<a href="#">7459214</a>
CIELab	<a href="#">76.72, -43.00, 24.67</a>
CIELCh	<a href="#">77, 49.576, 150.161</a>
Yxy	<a href="#">51.0646, 0.2894, 0.4284</a>
Android (android.graphics.Color)	<a href="#">4285649294 (0xFF71D18E)</a>
YUV	<a href="#">172.6580, -15.1144, -52.3201</a>
Hunter-Lab	<a href="#">71.4595, -38.8935, 22.1191</a>

# Details

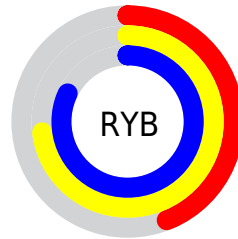
The Hex color **71D18E** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D171B4**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A9FFC4**, and **389A5B** is the 20% darker color. If you saturate the color by 10%, you get **5CD17F**, and if you desaturate by 10%, it is **86D19D**.

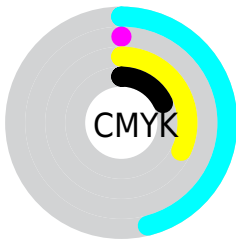
# Distribution



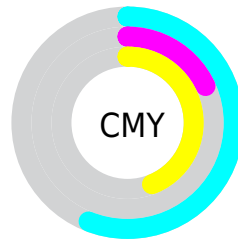
- Red (44%)
- Green (82%)
- Blue (56%)



- Red (44%)
- Yellow (73%)
- Blue (82%)



- Cyan (46%)
- Magenta (0%)
- Yellow (32%)
- Black (18%)



- Cyan (56%)
- Magenta (18%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 71D18E 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 71D18E by changing the saturation by 10% instead.



 71D18E

 71D18E

FFFFFF

 55B574

 A9FFC4

 389A5B

 C6FFE0

 147F43

 E3FFFD


 00662C


 004D16

 003500

 001F00

 000000

 71D18E

 71D18E

 5CD17F

 86D19D

 47D171

 9BD1AB

 32D162

 B0D1BA

 1DD154

 C5D1C8

 09D145

 DAD1D7

 00D13F

 EED1E6

 FFD1F4

 FFD1FF

# Harmonies

## Analogous

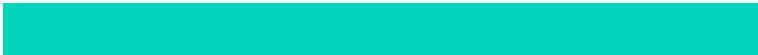
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AAC86C



71D18E



00D5BC

# Triad

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



71D18E



71C2FF



FF9C92

# Complementary

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



71D18E



D171B4

# 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.



FF98BF



71D18E



C1B1FF

# Square

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



71D18E



00CEFF



F6A1EC



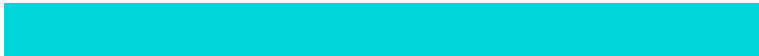
FEAA6F

# Rectangle

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



71D18E



00D5DB



F6A1EC



FF99A0

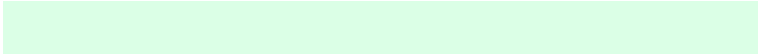


# Sweetspot

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



71D18E



DBFFE6



B4D171



6A8070



000000



808080



# Same Dimension

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



71D18E



73FF9D



71D1BE



5E6961



00A833



00290C



# Inverse Universe

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



D171B4



FF73D5



D17184



695E65



A80075



29001C



# Previews

## White Background



This preview shows how the Hex color 71D18E 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 71D18E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

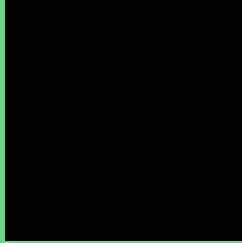
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 71D18E Background



This preview shows how black text looks on a background with the Hex color 71D18E.

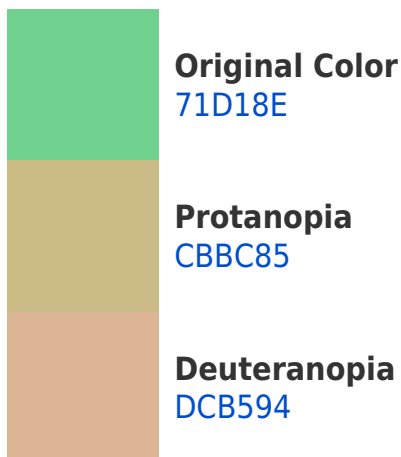


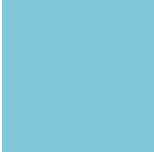
This preview shows how white text looks on a background with the Hex color 71D18E.

# 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



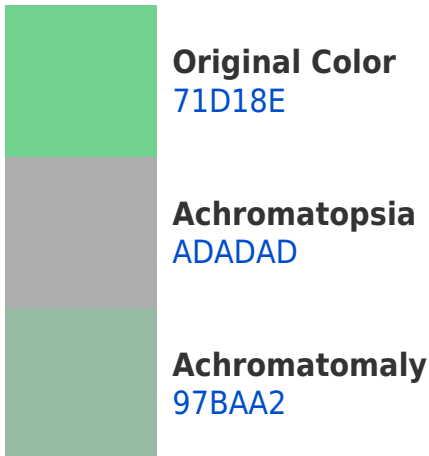


**Tritanopia**  
82C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71D18E 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 #71D18E looks like.

```
.text, #text, p{  
    color:#71D18E  
}
```

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 #71D18E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71D18E
}
```

## Border

The CSS property to change the border of an element to Hex 71D18E 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
#71D18E }
```

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

```
.border{ border-color:#71D18E }
```

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

Here you see how a box with a 4 pixel #71D18E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71D18E; -webkit-box-shadow:4px 4px  
4px 4px #71D18E; box-shadow:4px 4px 4px  
4px #71D18E }
```

# Background

The CSS property to change the background color of an element to Hex 71D18E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71D18E }
```

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

```
.background{ background-color:#71D18E }
```

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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