

Converting Colors

Hex(76D997)

Have a look what the booklet for
Hex(76D997) contains.

Hex(76D997)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(76D997)

Conversions

Conversions Part 1

Format	Color
Hex	76D997
RGB	118, 217, 151
RGB Percent	46%, 85%, 59%
CMY	0.5373, 0.1490, 0.4078
CMYK	0.46, 0.00, 0.30, 0.15
HSL	140°, 57%, 66%
HSV	140°, 46%, 85%
XYZ	37.8700, 55.7116, 38.0356
YIQ	179.8750, -37.8180, -41.5140

Conversions

Conversions Part 2

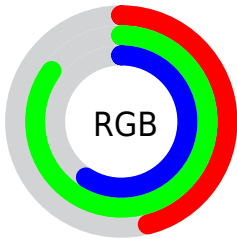
Format	Color
RYB	118, 192, 217
Decimal	7788951
CIELab	79.45, -43.50, 23.71
CIELCh	79, 49.542, 151.403
Yxy	55.7116, 0.2877, 0.4233
Android (android.graphics.Color)	4285979031 (0xFF76D997)
YUV	179.8750, -14.2354, -54.2644
Hunter-Lab	74.6402, -40.0554, 22.0348

Details

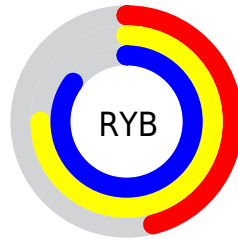
The Hex color **76D997** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D976B8**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **AFFFCE**, and **3DA164** is the 20% darker color. If you saturate the color by 10%, you get **60D989**, and if you desaturate by 10%, it is **8CD9A5**.

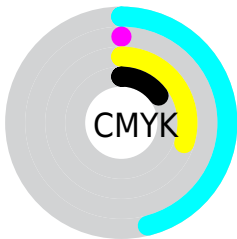
Distribution



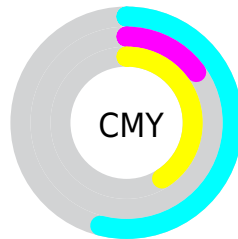
- Red (46%)
- Green (85%)
- Blue (59%)



- Red (46%)
- Yellow (75%)
- Blue (85%)



- Cyan (46%)
- Magenta (0%)
- Yellow (30%)
- Black (15%)



- Cyan (54%)
- Magenta (15%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76D997 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 76D997 by changing the saturation by 10% instead.

 76D997

 76D997

FFFFFF

 5ABD7D

 AFFFCE

 3DA164

 CBFEEA

 1A874B

 E9FFFF

 006D34

 00541E

 003B07

 002600

 000000

 76D997

 76D997

 60D989

 8CD9A5

 4BD97A

 A1D9B4

 35D96C

 B7D9C2

 1FD95D

 CDD9D1

 0AD94F

 E3D9DF

 00D948

 F8D9EE

 FFD9FC

 FFD9FF

Harmonies

Analogous

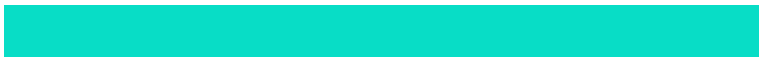
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B0D074



76D997



08DDC6

Triad

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



76D997



7EC9FF



FFA497

Complementary

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



76D997



D976B8

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.



FF9FC4



76D997



CCB8FF

Square

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



76D997



00D5FF



FFA8F2



FFB375

Rectangle

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



76D997



00DDE5



FFA8F2



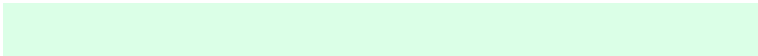
FFA1A6

Sweetspot

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



76D997



DBFFE7



B8D976



6A8071



000000



808080

Same Dimension

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



76D997



73FFA2



76D9C8



636E66



00AD3A



002E0F

Inverse Universe

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



D976B8



FF73D0



D97687



6E636A



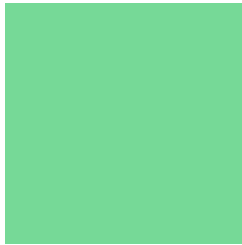
AD0074



2E001F

Previews

White Background



This preview shows how the Hex color 76D997 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 76D997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

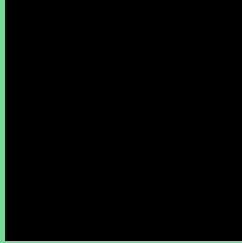
Any Text WCAG AA ✓ Pass

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 76D997 Background



This preview shows how black text looks on a background with the Hex color 76D997.

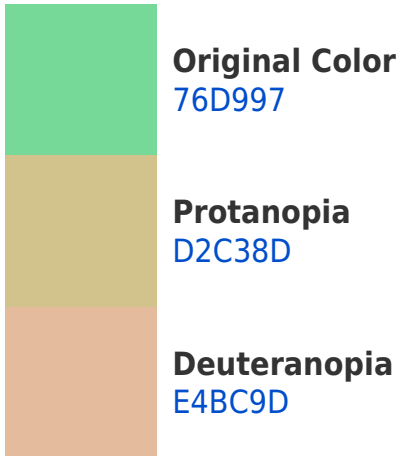


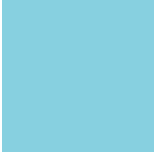
This preview shows how white text looks on a background with the Hex color 76D997.

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
87D0E0

Trichromacy



Original Color
76D997



Protanomaly
B1CB91



Deuteranomaly
BCC79B



Tritanomaly
81D3C5

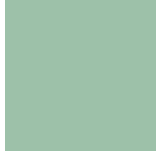
Monochromacy



Original Color
76D997



Achromatopsia
B4B4B4



Achromatomaly
9DC1A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 76D997 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 #76D997 looks like.

```
.text, #text, p{  
    color:#76D997  
}
```

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 #76D997 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76D997
}
```

Border

The CSS property to change the border of an element to Hex 76D997 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
#76D997 }
```

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

```
.border{ border-color:#76D997 }
```

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

Here you see how a box with a 4 pixel #76D997 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76D997; -webkit-box-shadow:4px 4px  
4px 4px #76D997; box-shadow:4px 4px 4px  
4px #76D997 }
```

Background

The CSS property to change the background color of an element to Hex 76D997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76D997 }
```

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

```
.background{ background-color:#76D997 }
```

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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