

Converting Colors

Hex(7DC786)

Have a look what the booklet for
Hex(7DC786) contains.

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Color

Hex(7DC786)

Conversions

Conversions Part 1

Format	Color
Hex	7DC786
RGB	125, 199, 134
RGB Percent	49%, 78%, 53%
CMY	0.5098, 0.2196, 0.4745
CMYK	0.37, 0.00, 0.33, 0.22
HSL	127°, 40%, 64%
HSV	127°, 37%, 78%
XYZ	33.1839, 46.9281, 29.8633
YIQ	169.4640, -23.2390, -35.9030

Conversions

Conversions Part 2

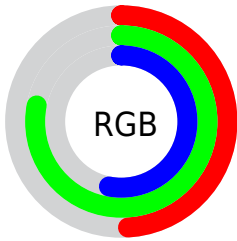
Format	Color
RYB	125, 191, 199
Decimal	8243078
CIELab	74.14, -36.48, 25.48
CIElCh	74, 44.493, 145.069
Yxy	46.9281, 0.3017, 0.4267
Android (android.graphics.Color)	4286433158 (0xFF7DC786)
YUV	169.4640, -17.4838, -38.9949
Hunter-Lab	68.5041, -33.4152, 22.1063

Details

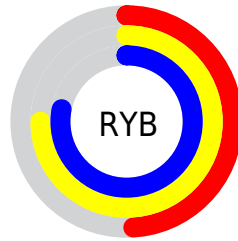
The Hex color **7DC786** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C77DBE**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **B4FFBC**, and **489154** is the 20% darker color. If you saturate the color by 10%, you get **69C775**, and if you desaturate by 10%, it is **91C797**.

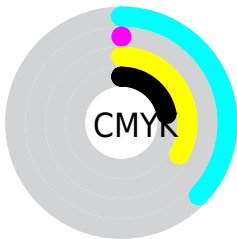
Distribution



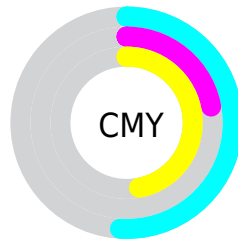
- Red (49%)
- Green (78%)
- Blue (53%)



- Red (49%)
- Yellow (75%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (33%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DC786 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 7DC786 by changing the saturation by 10% instead.

 7DC786

 7DC786

FFFFFF

 62AB6C

 B4FFBC

 489154

 D0FFD8

 2C763C

 EDFFF4

 0B5D25

 00450F

 002E00

 001700

 000000

 7DC786

 7DC786

 69C775

 91C797

 55C763

 A5C7A9

 41C752

 B9C7BA

 2DC740

 CDC7CC

 19C72F

 E1C7DD

 06C71D

 F4C7EF

 00C718

 FFC7FF

Harmonies

Analogous

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



ADBE6A



7DC786



3DCBAE

Triad

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



7DC786



69BCFF



FF9896

Complementary

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



7DC786



C77DBE

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.



FF96BF



7DC786



B0AEFF

Square

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



7DC786



00C6F8



E39FE6



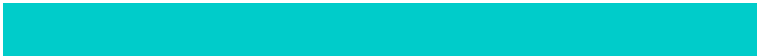
F5A375

Rectangle

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



7DC786



00CCCA



E39FE6



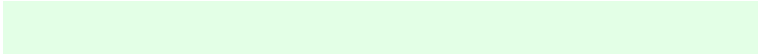
FF96A3

Sweetspot

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



7DC786



E3FFE6



BEC77D



6F8071



000000



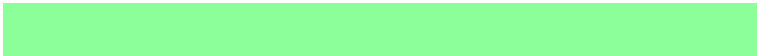
808080

Same Dimension

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



7DC786



8CFF9A



7DC7AB



5A635B



00A314



002404

Inverse Universe

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



C77DBE



FF8CF1



C77D99



635A62



A3008F



24001F

Previews

White Background



This preview shows how the Hex color 7DC786 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 7DC786 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 7DC786 Background



This preview shows how black text looks on a background with the Hex color 7DC786.

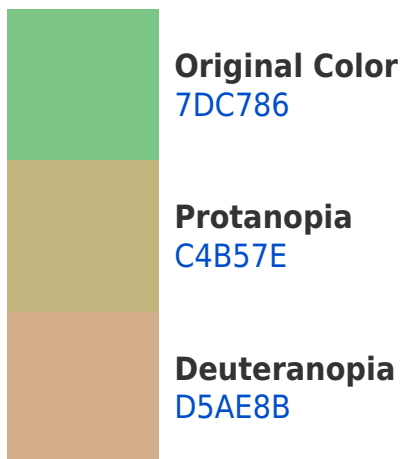


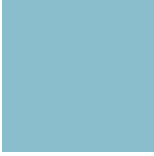
This preview shows how white text looks on a background with the Hex color 7DC786.

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
8BBECD

Trichromacy



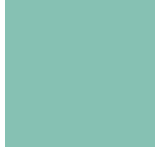
Original Color
7DC786



Protanomaly
AABC81



Deuteranomaly
B5B789



Tritanomaly
86C1B3

Monochromacy



Original Color
7DC786



Achromatopsia
A9A9A9



Achromatomaly
99B49C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DC786 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 #7DC786 looks like.

```
.text, #text, p{  
    color:#7DC786  
}
```

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 #7DC786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DC786
}
```

Border

The CSS property to change the border of an element to Hex 7DC786 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
#7DC786 }
```

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

```
.border{ border-color:#7DC786 }
```

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

Here you see how a box with a 4 pixel #7DC786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DC786; -webkit-box-shadow:4px 4px  
4px 4px #7DC786; box-shadow:4px 4px 4px  
4px #7DC786 }
```

Background

The CSS property to change the background color of an element to Hex 7DC786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DC786 }
```

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

```
.background{ background-color:#7DC786 }
```

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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