

Converting Colors

Hex(7DC896)

Have a look what the booklet for
Hex(7DC896) contains.

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Color

Hex(7DC896)

Conversions

Conversions Part 1

Format	Color
Hex	7DC896
RGB	125, 200, 150
RGB Percent	49%, 78%, 59%
CMY	0.5098, 0.2157, 0.4118
CMYK	0.37, 0.00, 0.25, 0.22
HSL	140°, 41%, 64%
HSV	140°, 38%, 78%
XYZ	34.6167, 47.8705, 36.2696
YIQ	171.8750, -28.6500, -31.4500

Conversions

Conversions Part 2

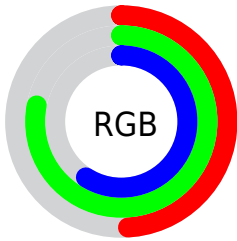
Format	Color
RYB	125, 181, 200
Decimal	8243350
CIELab	74.74, -34.07, 17.81
CIELCh	75, 38.441, 152.394
Yxy	47.8705, 0.2915, 0.4031
Android (android.graphics.Color)	4286433430 (0xFF7DC896)
YUV	171.8750, -10.7844, -41.1094
Hunter-Lab	69.1885, -31.7720, 17.3513

Details

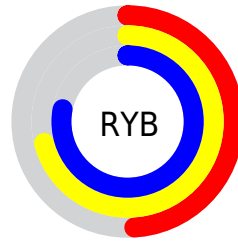
The Hex color **7DC896** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C87DAF**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **B4FFCC**, and **489263** is the 20% darker color. If you saturate the color by 10%, you get **69C889**, and if you desaturate by 10%, it is **91C8A3**.

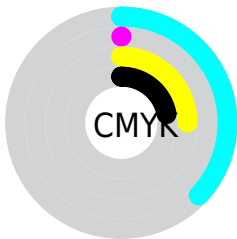
Distribution



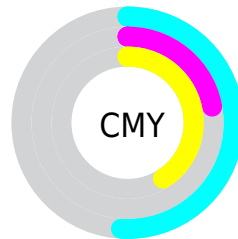
- Red (49%)
- Green (78%)
- Blue (59%)



- Red (49%)
- Yellow (71%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (25%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DC896 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 7DC896 by changing the saturation by 10% instead.

 7DC896

 7DC896

FFFFFF

 62AC7C

 B4FFCC

 489263

 D0FFE9

 2D774B

 EDFFFF

 0C5E34

 00461E

 002F07

 001900

 000000

 7DC896

 7DC896

 69C889

 91C8A3

 55C87B

 A5C8B1

 41C86E

 B9C8BE

 2DC861

 CDC8CB

 19C853

 E1C8D9

 05C846

 F5C8E6

 00C843

 FFC8F3

 FFC8FF

Harmonies

Analogous

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



A7C17B



7DC896



4FCBBA

Triad

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



7DC896



8ABAFE



FBA094

Complementary

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



7DC896



C87DAF

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.



FB9DB6



7DC896



C0AEF4

Square

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



7DC896



4EC4F6



E7A2D9



EAAA7A

Rectangle

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



7DC896



32CBD2



E7A2D9



FD9E9F

Sweetspot

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



7DC896



E3FFEC



AFC87D



6F8074



000000



808080

Same Dimension

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



7DC896



8CFFB3



7DC8BC



5A635D



00A336



00240C

Inverse Universe

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



C87DAF



FF8CD9



C87D8A



635A60



A3006D



240018

Previews

White Background



This preview shows how the Hex color 7DC896 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 7DC896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

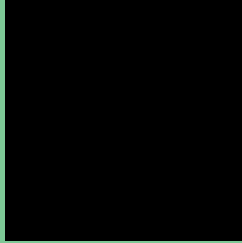
Any Text WCAG AA ✓ Pass

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 7DC896 Background



This preview shows how black text looks on a background with the Hex color 7DC896.

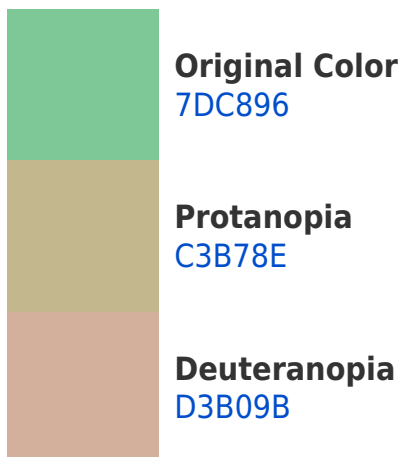


This preview shows how white text looks on a background with the Hex color 7DC896.

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
89C0D0

Trichromacy



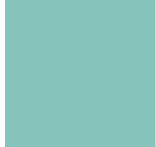
Original Color
7DC896



Protanomaly
AABD91



Deuteranomaly
B4B999



Tritanomaly
85C3BB

Monochromacy



Original Color
7DC896



Achromatopsia
ACACAC



Achromatomaly
9BB6A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DC896 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 #7DC896 looks like.

```
.text, #text, p{  
    color:#7DC896  
}
```

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 #7DC896 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DC896
}
```

Border

The CSS property to change the border of an element to Hex 7DC896 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
#7DC896 }
```

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

```
.border{ border-color:#7DC896 }
```

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

Here you see how a box with a 4 pixel #7DC896 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DC896; -webkit-box-shadow:4px 4px  
4px 4px #7DC896; box-shadow:4px 4px 4px  
4px #7DC896 }
```

Background

The CSS property to change the background color of an element to Hex 7DC896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DC896 }
```

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

```
.background{ background-color:#7DC896 }
```

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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