

Converting Colors

Hex(7DC58D)

Have a look what the booklet for
Hex(7DC58D) contains.

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Color

Hex(7DC58D)

Conversions

Conversions Part 1	
Format	Color
Hex	7DC58D
RGB	125, 197, 141
RGB Percent	49%, 77%, 55%
CMY	0.5098, 0.2275, 0.4471
CMYK	0.37, 0.00, 0.28, 0.23
HSL	133°, 38%, 63%
HSV	133°, 37%, 77%
XYZ	33.2314, 46.2156, 32.3683
YIQ	169.0880, -24.9360, -32.6800

Conversions

Conversions Part 2

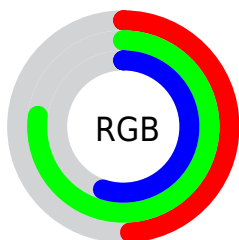
Format	Color
RYB	125, 184, 197
Decimal	8242573
CIELab	73.69, -34.33, 21.15
CIELCh	74, 40.324, 148.366
Yxy	46.2156, 0.2972, 0.4133
Android (android.graphics.Color)	4286432653 (0xFF7DC58D)
YUV	169.0880, -13.8474, -38.6652
Hunter-Lab	67.9820, -31.7130, 19.3576

Details

The Hex color **7DC58D** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C57DB5**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **B4FEC3**, and **488F5A** is the 20% darker color. If you saturate the color by 10%, you get **69C57E**, and if you desaturate by 10%, it is **91C59C**.

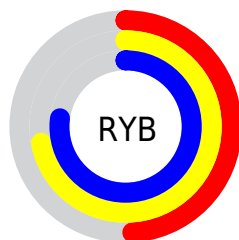
Distribution



Red (49%)

Green (77%)

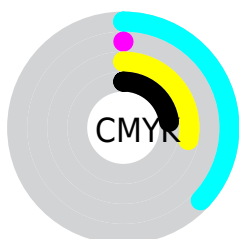
Blue (55%)



Red (49%)

Yellow (72%)

Blue (77%)

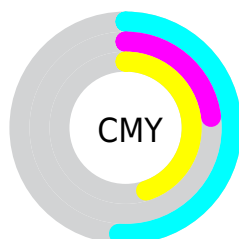


Cyan (37%)

Magenta (0%)

Yellow (28%)

Black (23%)



Cyan (51%)

Magenta (23%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DC58D 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 7DC58D by changing the saturation by 10% instead.

 7DC58D

FFFFFF

 B4FEC3

 D0FFDF

 EDFFFC

 7DC58D

 62A973

 488F5A

 2D7543

 0E5C2C

 004316

 002C00

 001500

 000000

 7DC58D

 7DC58D

 69C57E

 91C59C

 56C56E

 A4C5AC

 42C55F

 B8C5BB

 2EC550

 CCC5CA

 1BC540

 E0C5DA

 07C531

 F3C5E9

 00C52C

 FFC5F8

 FFC5FF

Harmonies

Analogous

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



A9BD73



7DC58D



49C9B2

Triad

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



7DC58D



7BB9FF



FC9B94

Complementary

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



7DC58D



C57DB5

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.



F998B9



7DC58D



B6ACF6

Square

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



7DC58D



34C3F3



E29FDC



ECA577

Rectangle

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



7DC58D



1EC9CB



E29FDC



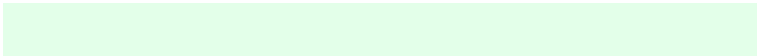
FD99A0

Sweetspot

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



7DC58D



E3FFE9



B5C57D



6F8073



000000



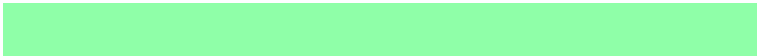
808080

Same Dimension

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



7DC58D



8FFFA8



7DC5B1



5A635C



00A324



002408

Inverse Universe

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



C57DB5



FF8FE6



C57D91



635A61



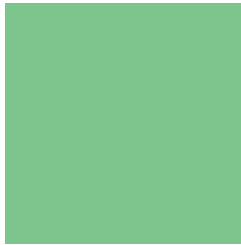
A3007F



24001C

Previews

White Background



This preview shows how the Hex color 7DC58D looks on a white background.

Color Contrast Check

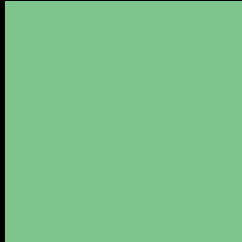
Large Text (above 18pt) WCAG AA × Fail

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 7DC58D 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 7DC58D Background



This preview shows how black text looks on a background with the Hex color 7DC58D.



This preview shows how white text looks on a background with the Hex color 7DC58D.

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


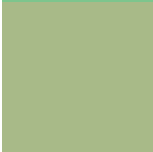

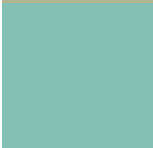


Original Color
7DC58D


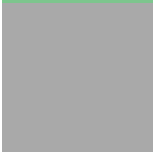

Protanopia
C1B485

Deuteranopia
D1AD92

Trichromacy

	Original Color 7DC58D
	Protanomaly A8BA88
	Deuteranomaly B2B690
	Tritanomaly 85C0B5

Monochromacy

	Original Color 7DC58D
	Achromatopsia A9A9A9
	Achromatomaly 99B39F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DC58D 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 #7DC58D looks like.

```
.text, #text, p{  
    color:#7DC58D  
}
```

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 #7DC58D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DC58D
}
```

Border

The CSS property to change the border of an element to Hex 7DC58D 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
#7DC58D }
```

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

```
.border{ border-color:#7DC58D }
```

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

Here you see how a box with a 4 pixel #7DC58D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DC58D; -webkit-box-shadow:4px 4px  
4px 4px #7DC58D; box-shadow:4px 4px 4px  
4px #7DC58D }
```

Background

The CSS property to change the background color of an element to Hex 7DC58D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DC58D }
```

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

```
.background{ background-color:#7DC58D }
```

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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