

Converting Colors

Hex(83D08C)

Have a look what the booklet for
Hex(83D08C) contains.

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Color

Hex(83D08C)

Conversions

Conversions Part 1

Format	Color
Hex	83D08C
RGB	131, 208, 140
RGB Percent	51%, 82%, 55%
CMY	0.4863, 0.1843, 0.4510
CMYK	0.37, 0.00, 0.33, 0.18
HSL	127°, 45%, 66%
HSV	127°, 37%, 82%
XYZ	36.6496, 51.8305, 32.8836
YIQ	177.2250, -24.0640, -37.4720

Conversions

Conversions Part 2

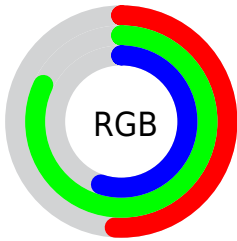
Format	Color
RYB	131, 200, 208
Decimal	8638604
CIELab	77.18, -37.71, 26.47
CIELCh	77, 46.072, 144.933
Yxy	51.8305, 0.3020, 0.4271
Android (android.graphics.Color)	4286828684 (0xFF83D08C)
YUV	177.2250, -18.3519, -40.5393
Hunter-Lab	71.9934, -35.1197, 23.3142

Details

The Hex color **83D08C** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D083C7**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **BBFFC2**, and **4D9959** is the 20% darker color. If you saturate the color by 10%, you get **6ED07A**, and if you desaturate by 10%, it is **98D09E**.

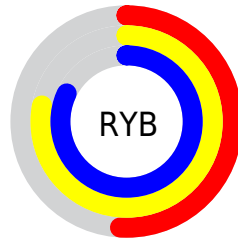
Distribution



Red (51%)

Green (82%)

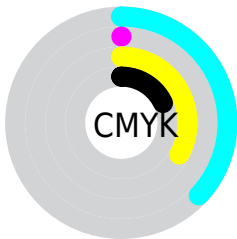
Blue (55%)



Red (51%)

Yellow (78%)

Blue (82%)

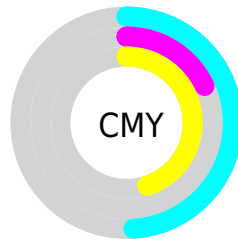


Cyan (37%)

Magenta (0%)

Yellow (33%)

Black (18%)



Cyan (49%)

Magenta (18%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83D08C 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 83D08C by changing the saturation by 10% instead.



83D08C



83D08C

FFFFFF



68B472



BBFFC2



4D9959



D7FFDE



327F41



F4FFFB



12652A



004D13



003500



002100



000000



83D08C



83D08C

 6ED07A

 98D09E

 59D067

 ADD0B1

 45D055

 C1D0C3

 30D043

 D6D0D5

 1BD030

 EBD0E8

 06D01E

 FFD0FA

 00D018

 FFD0FF

Harmonies

Analogous

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



B6C76F



83D08C



41D5B6

Triad

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



83D08C



6DC5FF



FF9F9D

Complementary

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



83D08C



D083C7

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.



FF9DC8



83D08C



B8B6FF

Square

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



83D08C



00CFFF



EDA7F0



FFAB7A

Rectangle

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



83D08C



00D5D3



EDA7F0



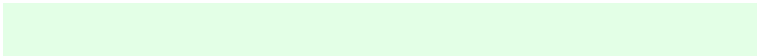
FF9DAB

Sweetspot

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



83D08C



E3FFE6



C7D083



6F8071



000000



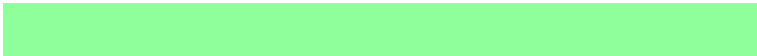
808080

Same Dimension

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



83D08C



8FFF9C



83D0B2



5E695F



00A814



002905

Inverse Universe

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



D083C7



FF8FF2



D083A1



695E67



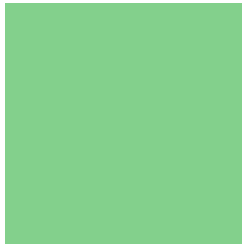
A80095



290024

Previews

White Background



This preview shows how the Hex color 83D08C looks on a white background.

Color Contrast Check

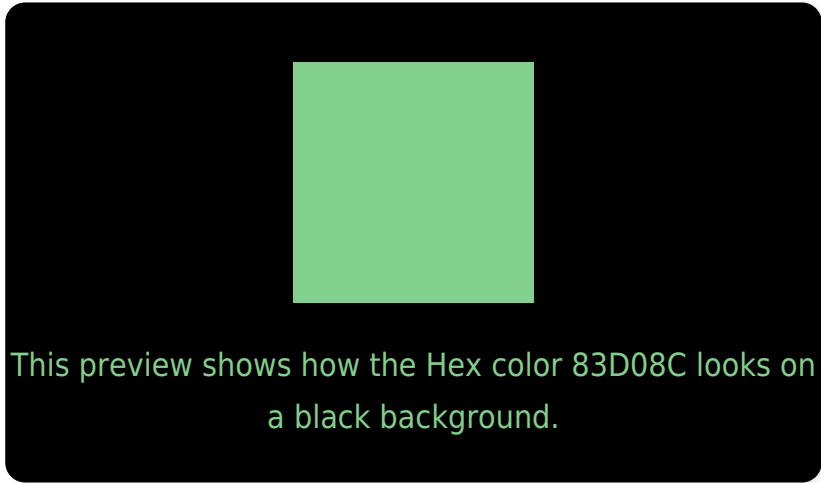
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 83D08C Background



This preview shows how black text looks on a background with the Hex color 83D08C.

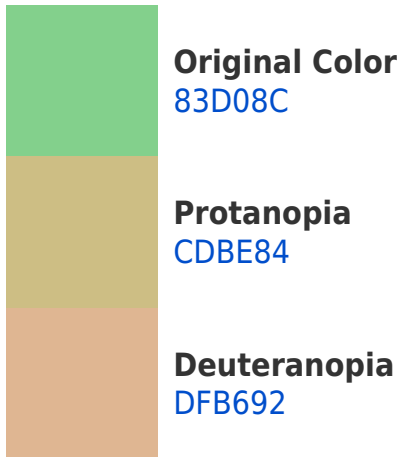


This preview shows how white text looks on a background with the Hex color 83D08C.

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](#).

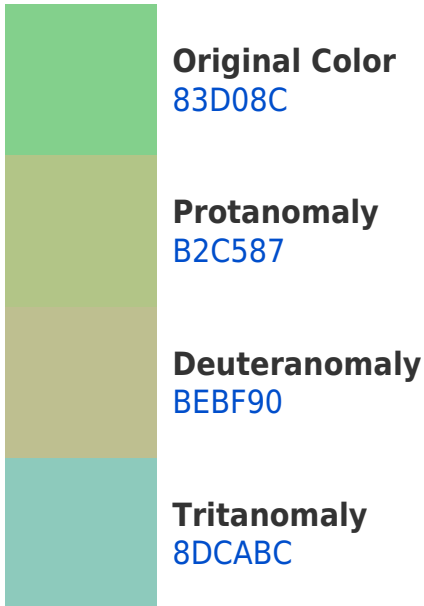
Dichromacy



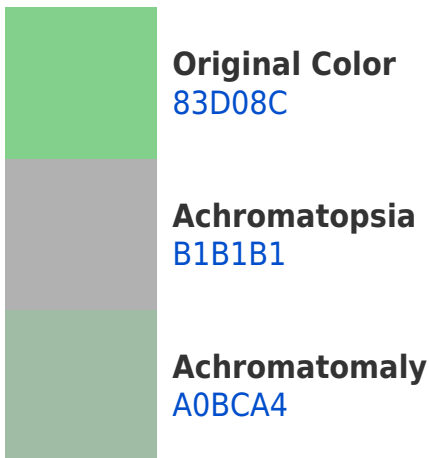


Tritanopia
92C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83D08C 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 #83D08C looks like.

```
.text, #text, p{  
    color:#83D08C  
}
```

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 #83D08C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D08C
}
```

Border

The CSS property to change the border of an element to Hex 83D08C 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
#83D08C }
```

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

```
.border{ border-color:#83D08C }
```

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

Here you see how a box with a 4 pixel #83D08C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D08C; -webkit-box-shadow:4px 4px  
4px 4px #83D08C; box-shadow:4px 4px 4px  
4px #83D08C }
```

Background

The CSS property to change the background color of an element to Hex 83D08C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D08C }
```

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

```
.background{ background-color:#83D08C }
```

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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