

Converting Colors

Hex(87C493)

Have a look what the booklet for
Hex(87C493) contains.

Hex(87C493)	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(87C493)

Conversions

Conversions Part 1

Format	Color
Hex	87C493
RGB	135, 196, 147
RGB Percent	53%, 77%, 58%
CMY	0.4706, 0.2314, 0.4235
CMYK	0.31, 0.00, 0.25, 0.23
HSL	132°, 34%, 65%
HSV	132°, 31%, 77%
XYZ	34.9981, 46.7373, 34.7804
YIQ	172.1750, -20.6270, -28.1710

Conversions

Conversions Part 2

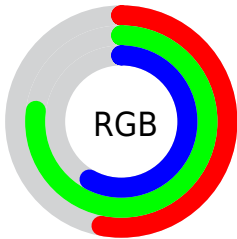
Format	Color
RYB	135, 186, 196
Decimal	8897683
CIELab	74.02, -29.65, 18.49
CIELCh	74, 34.942, 148.046
Yxy	46.7373, 0.3004, 0.4011
Android (android.graphics.Color)	4287087763 (0xFF87C493)
YUV	172.1750, -12.4113, -32.6025
Hunter-Lab	68.3647, -28.2584, 17.6917

Details

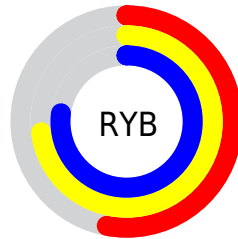
The Hex color **87C493** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C487B8**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **BEFDC9**, and **538E60** is the 20% darker color. If you saturate the color by 10%, you get **73C483**, and if you desaturate by 10%, it is **9BC4A3**.

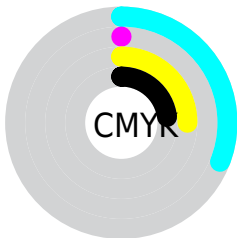
Distribution



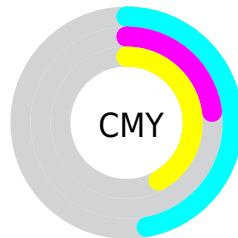
- Red (53%)
- Green (77%)
- Blue (58%)



- Red (53%)
- Yellow (73%)
- Blue (77%)



- Cyan (31%)
- Magenta (0%)
- Yellow (25%)
- Black (23%)



- Cyan (47%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87C493 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 87C493 by changing the saturation by 10% instead.

 87C493

 87C493

FFFFFF

 6DA979

 BEFDC9

 538E60

 DAFFE5

 397448

 F7FFFF

 205B31

 00431C

 002C04

 001700

 000000

 87C493

 87C493

 73C483

 9BC4A3

 60C474

 AEC4B2

 4CC464


 C2C4C2

 39C454

 D5C4D2

 25C444

 E9C4E2

 11C435

 FDC4F1

 00C427

 FFC4FF

Harmonies

Analogous

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



ADBD7C



87C493



61C7B3

Triad

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



87C493



87BAF6



F5A099

Complementary

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



87C493



C487B8

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.



F29EB9



87C493



B7AEEF

Square

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



87C493



57C2EC



DDA4D8



E7A881

Rectangle

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



87C493



4CC7C9



DDA4D8



F69EA4

Sweetspot

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



87C493



E8FFED



B9C487



718074



000000



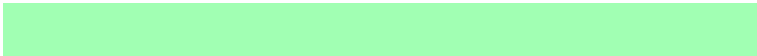
808080

Same Dimension

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



87C493



A1FFB3



87C4B1



576159



00A120



002107

Inverse Universe

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



C487B8



FFA1EC



C4879A



61575F



A10081



21001B

Previews

White Background



This preview shows how the Hex color 87C493 looks on a white background.

Color Contrast Check

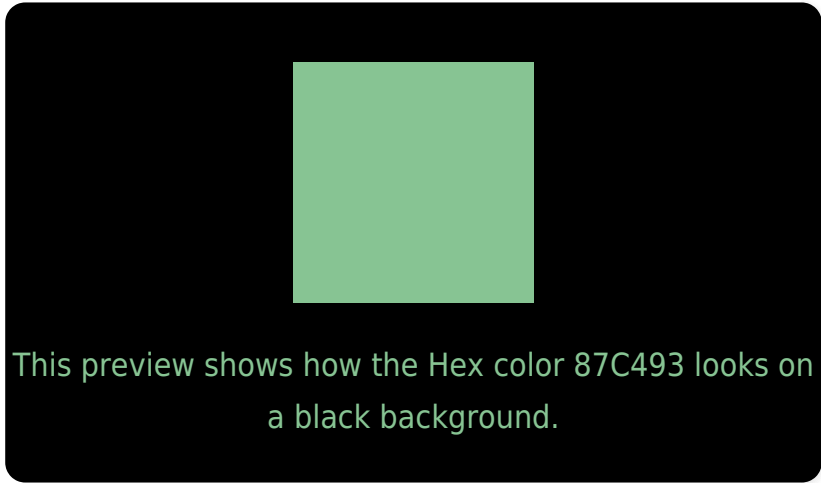
Large Text (above 18pt) WCAG AA × Fail

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

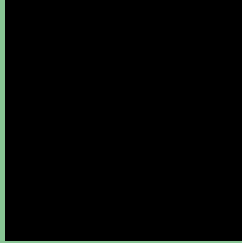
Any Text WCAG AA ✓ Pass

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 87C493 Background



This preview shows how black text looks on a background with the Hex color 87C493.

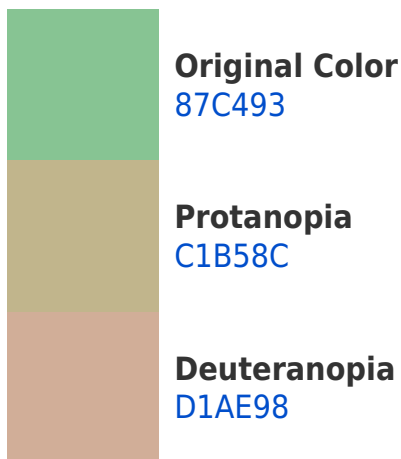


This preview shows how white text looks on a background with the Hex color 87C493.

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



Trichromacy



Original Color
87C493



Protanomaly
ACBA8F



Deuteranomaly
B6B696



Tritanomaly
8EC0B7

Monochromacy



Original Color
87C493



Achromatopsia
ACACAC



Achromatomaly
9FB5A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 87C493 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 #87C493 looks like.

```
.text, #text, p{  
    color:#87C493  
}
```

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 #87C493 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87C493
}
```

Border

The CSS property to change the border of an element to Hex 87C493 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
#87C493 }
```

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

```
.border{ border-color:#87C493 }
```

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

Here you see how a box with a 4 pixel #87C493 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87C493; -webkit-box-shadow:4px 4px  
4px 4px #87C493; box-shadow:4px 4px 4px  
4px #87C493 }
```

Background

The CSS property to change the background color of an element to Hex 87C493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87C493 }
```

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

```
.background{ background-color:#87C493 }
```

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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