

Converting Colors

Hex(87C93B)

Have a look what the booklet for
Hex(87C93B) contains.

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Color

Hex(87C93B)

Conversions

Conversions Part 1

Format	Color
Hex	87C93B
RGB	135, 201, 59
RGB Percent	53%, 79%, 23%
CMY	0.4706, 0.2118, 0.7686
CMYK	0.33, 0.00, 0.71, 0.21
HSL	88°, 57%, 51%
HSV	88°, 71%, 79%
XYZ	31.6677, 47.2400, 11.5868
YIQ	165.0780, 6.2460, -58.1540

Conversions

Conversions Part 2

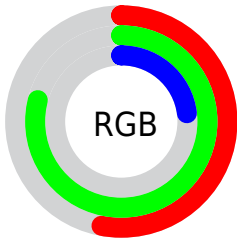
Format	Color
RYB	59, 201, 125
Decimal	8898875
CIELab	74.34, -42.78, 60.99
CIELCh	74, 74.497, 125.049
Yxy	47.2400, 0.3499, 0.5220
Android (android.graphics.Color)	4287088955 (0xFF87C93B)
YUV	165.0780, -52.2965, -26.3784
Hunter-Lab	68.7313, -38.0365, 38.1167

Details

The Hex color **87C93B** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **7D3BC9**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **C0FF72**, and **4F9200** is the 20% darker color. If you saturate the color by 10%, you get **7EC927**, and if you desaturate by 10%, it is **90C94F**.

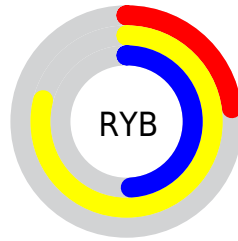
Distribution



Red (53%)

Green (79%)

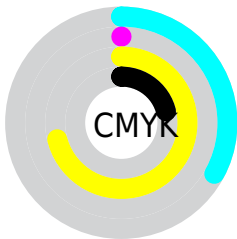
Blue (23%)



Red (23%)

Yellow (79%)

Blue (49%)

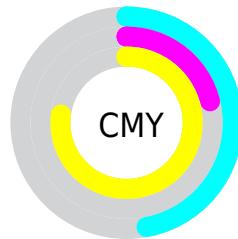


Cyan (33%)

Magenta (0%)

Yellow (71%)

Black (21%)



Cyan (47%)

Magenta (21%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87C93B 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 87C93B by changing the saturation by 10% instead.

 87C93B

 87C93B


FFFFFF

 6BAD1B

 C0FF72

 4F9200

 DDF8E

 317800

 FBFFAA

 0F5F00

 FFFFC6

 004700

 FFFFEE

 003000

 001800

 000000

 87C93B

 87C93B

 7EC927

 90C94F

 74C913

 9AC963

 6CC900

 A3C977

 ACC98B

 B6C9A0

 BFC9B4

 C8C9C8

 D2C9DC

 DBC9F0

Harmonies

Analogous

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



CEB711



87C93B



00D37A

Triad

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



87C93B



00CFFF



FF73AE

Complementary

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



87C93B



7D3BC9

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.



FF81F2



87C93B



00BBFF

Square

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



87C93B



00D6FF



C79FFF



FF816C

Rectangle

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



87C93B



00D6A9



C79FFF



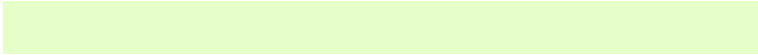
FF74C5

Sweetspot

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



87C93B



E6FFC9



C97B3B



718060



000000



808080

Same Dimension

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



87C93B



9AFF26



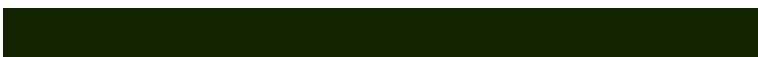
42C93B



5F635A



57A300



132400

Inverse Universe

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



7D3BC9



8B26FF



C23BC9



5E5A63



4C00A3



110024

Previews

White Background



This preview shows how the Hex color 87C93B looks on a white background.

Color Contrast Check

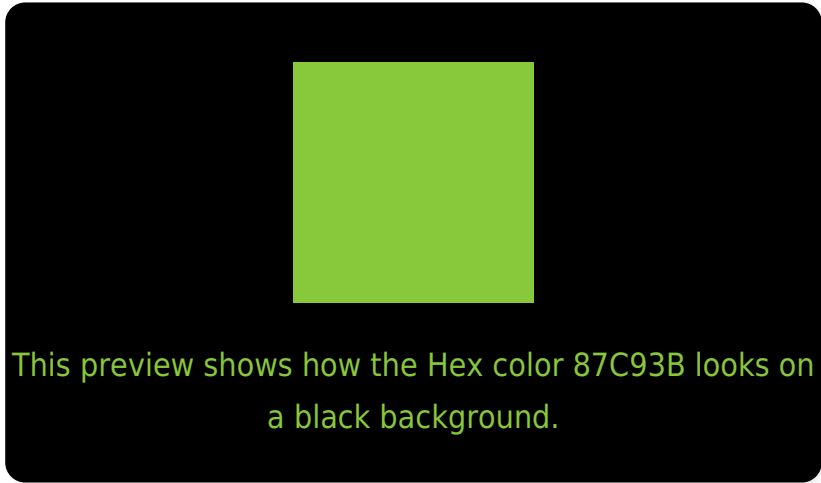
Large Text (above 18pt) WCAG AA × Fail

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 87C93B Background



This preview shows how black text looks on a background with the Hex color 87C93B.

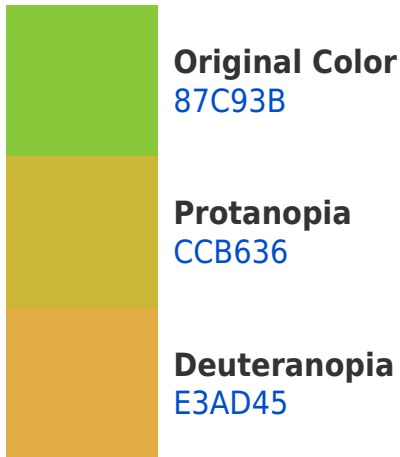


This preview shows how white text looks on a background with the Hex color 87C93B.

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
9ABCCB

Trichromacy



Original Color
87C93B



Protanomaly
B3BD38



Deuteranomaly
C2B741



Tritanomaly
93C197

Monochromacy



Original Color
87C93B



Achromatopsia
A5A5A5



Achromatomaly
9AB27E

CSS Examples

Text

The CSS property to change the color of the text to Hex 87C93B 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 #87C93B looks like.

```
.text, #text, p{  
    color:#87C93B  
}
```

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 #87C93B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87C93B
}
```

Border

The CSS property to change the border of an element to Hex 87C93B 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
#87C93B }
```

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

```
.border{ border-color:#87C93B }
```

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

Here you see how a box with a 4 pixel #87C93B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87C93B; -webkit-box-shadow:4px 4px  
4px 4px #87C93B; box-shadow:4px 4px 4px  
4px #87C93B }
```

Background

The CSS property to change the background color of an element to Hex 87C93B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87C93B }
```

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

```
.background{ background-color:#87C93B }
```

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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