

Converting Colors

Hex(87B717)

Have a look what the booklet for
Hex(87B717) contains.

Hex(87B717)	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(87B717)

Conversions

Conversions Part 1

Format	Color
Hex	87B717
RGB	135, 183, 23
RGB Percent	53%, 72%, 9%
CMY	0.4706, 0.2824, 0.9098
CMYK	0.26, 0.00, 0.87, 0.28
HSL	78°, 78%, 40%
HSV	78°, 87%, 72%
XYZ	27.0798, 39.0797, 6.9265
YIQ	150.4080, 22.7520, -59.9360

Conversions

Conversions Part 2

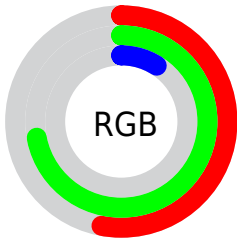
Format	Color
RYB	23, 183, 71
Decimal	8894231
CIELab	68.81, -36.55, 66.38
CIELCh	69, 75.780, 118.836
Yxy	39.0797, 0.3705, 0.5347
Android (android.graphics.Color)	4287084311 (0xFF87B717)
YUV	150.4080, -62.8121, -13.5128
Hunter-Lab	62.5138, -32.0762, 37.1903

Details

The Hex color **87B717** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4717B7**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C0EF57**, and **4F8200** is the 20% darker color. If you saturate the color by 10%, you get **82B705**, and if you desaturate by 10%, it is **8CB729**.

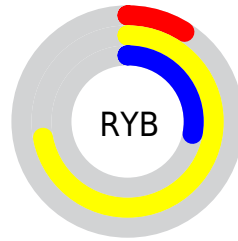
Distribution



Red (53%)

Green (72%)

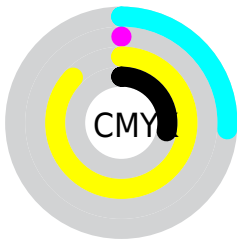
Blue (9%)



Red (9%)

Yellow (72%)

Blue (28%)

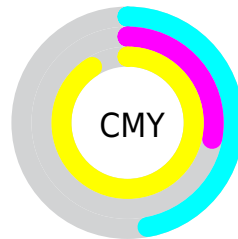


Cyan (26%)

Magenta (0%)

Yellow (87%)

Black (28%)



Cyan (47%)

Magenta (28%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B717 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 87B717 by changing the saturation by 10% instead.

 87B717

 87B717

FFFFFF

 6B9C00

 C0EF57

 4F8200

 DEFF73

 346800

 FBFF8F

 125000

 FFFFAB

 003800

 FFFFC8

 002400

 FFFF E5

 000000

 87B717

 87B717

 82B705

 8CB729

 80B700

 92B73C

 97B74E

 9DB760

 A2B773

 A8B785

 ADB797

 B3B7A9

 B8B7BC

Harmonies

Analogous

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



CBA400



87B717



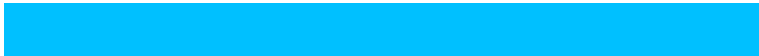
00C25C

Triad

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



87B717



00C0FF



FF60AE

Complementary

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



87B717



4717B7

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.



F776F0



87B717



00B1FF

Square

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



87B717



00C7E8



A097FF



FF6B6A

Rectangle

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



87B717



00C68B



A097FF



FF65C5

Sweetspot

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



87B717



DBEDAF



B74717



6D7853



F7F7F7



787878

Same Dimension

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



87B717



A6ED00



37B717



595C53



6D9C00



141C00

Inverse Universe

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



4717B7



4700ED



9717B7



55535C



2F009C



08001C

Previews

White Background



This preview shows how the Hex color 87B717 looks on a white background.

Color Contrast Check

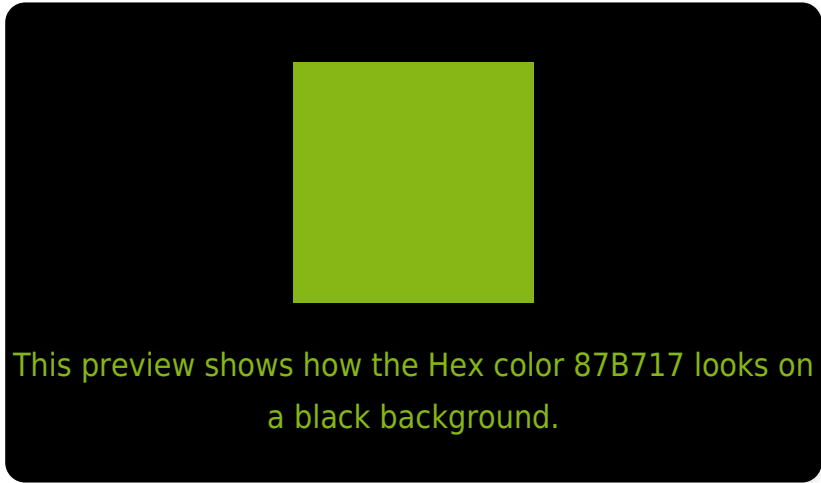
Large Text (above 18pt) WCAG AA × Fail

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 87B717 Background



This preview shows how black text looks on a background with the Hex color 87B717.

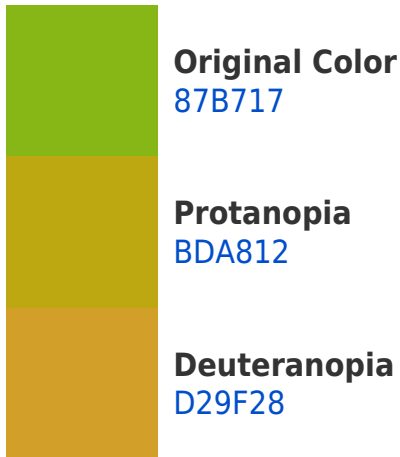


This preview shows how white text looks on a background with the Hex color 87B717.

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
98AAB8

Trichromacy



Original Color
87B717

Protanomaly
A9AD14

Deuteranomaly
B7A822

Tritanomaly
92AF7D

Monochromacy



Original Color
87B717

Achromatopsia
969696

Achromatomaly
91A268

CSS Examples

Text

The CSS property to change the color of the text to Hex 87B717 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 #87B717 looks like.

```
.text, #text, p{  
    color:#87B717  
}
```

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 #87B717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B717
}
```

Border

The CSS property to change the border of an element to Hex 87B717 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
#87B717 }
```

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

```
.border{ border-color:#87B717 }
```

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

Here you see how a box with a 4 pixel #87B717 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B717; -webkit-box-shadow:4px 4px  
4px 4px #87B717; box-shadow:4px 4px 4px  
4px #87B717 }
```

Background

The CSS property to change the background color of an element to Hex 87B717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B717 }
```

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

```
.background{ background-color:#87B717 }
```

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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