

Converting Colors

Hex(87BE2C)

Have a look what the booklet for
Hex(87BE2C) contains.

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Color

Hex(87BE2C)

Conversions

Conversions Part 1

Format	Color
Hex	87BE2C
RGB	135, 190, 44
RGB Percent	53%, 75%, 17%
CMY	0.4706, 0.2549, 0.8275
CMYK	0.29, 0.00, 0.77, 0.25
HSL	83°, 62%, 46%
HSV	83°, 77%, 75%
XYZ	28.8598, 42.1597, 8.9994
YIQ	156.9110, 14.0860, -57.0660

Conversions

Conversions Part 2

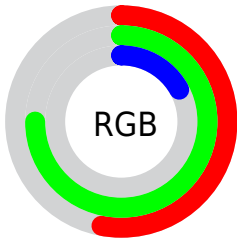
Format	Color
RYB	44, 190, 99
Decimal	8896044
CIELab	70.98, -38.85, 62.85
CIELCh	71, 73.888, 121.725
Yxy	42.1597, 0.3607, 0.5269
Android (android.graphics.Color)	4287086124 (0xFF87BE2C)
YUV	156.9110, -55.6651, -19.2159
Hunter-Lab	64.9305, -34.2901, 37.2337

Details

The Hex color **87BE2C** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **632CBE**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **C0F765**, and **4F8800** is the 20% darker color. If you saturate the color by 10%, you get **80BE19**, and if you desaturate by 10%, it is **8EBE3F**.

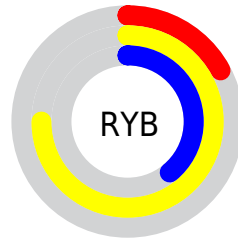
Distribution



Red (53%)

Green (75%)

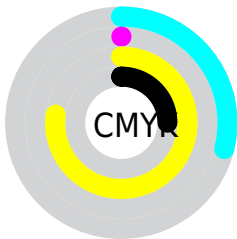
Blue (17%)



Red (17%)

Yellow (75%)

Blue (39%)

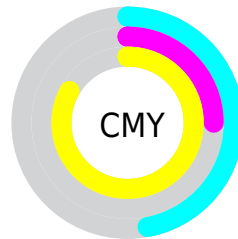


Cyan (29%)

Magenta (0%)

Yellow (77%)

Black (25%)



Cyan (47%)

Magenta (25%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87BE2C 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 87BE2C by changing the saturation by 10% instead.

 87BE2C

 87BE2C

FFFFFF

 6BA300

 C0F765

 4F8800

 DDF81

 336F00

 FBFF9D

 125600

 FFFFB9

 003E00

 FFFFD6

 002800

 FFFFF3

 000700

 000000

 87BE2C

 87BE2C

 80BE19

 8EBE3F

 79BE06

 95BE52

 76BE00

 9CBE65

 A4BE78

 ABBE8B

 B2BE9E

 B9BEB1

 C0BEC4

 C7BED7

Harmonies

Analogous

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



CBAC00



87BE2C



00C86A

Triad

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



87BE2C



00C5FF



FF6AAD

Complementary

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



87BE2C



632CBE

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.



FF7BEF



87BE2C



00B4FF

Square

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



87BE2C



00CCF3



B29AFF



FF766B

Rectangle

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



87BE2C



00CC98



B29AFF



FF6DC3

Sweetspot

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



87BE2C



E2F7BE



BE622C



707D5A



FCFCFC



7D7D7D

Same Dimension

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



87BE2C



A2F714



3FBE2C



5B5E55



639E00



131F00

Inverse Universe

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



632CBE



6A14F7



AB2CBE



58555E



3C009E



0C001F

Previews

White Background



This preview shows how the Hex color 87BE2C looks on a white background.

Color Contrast Check

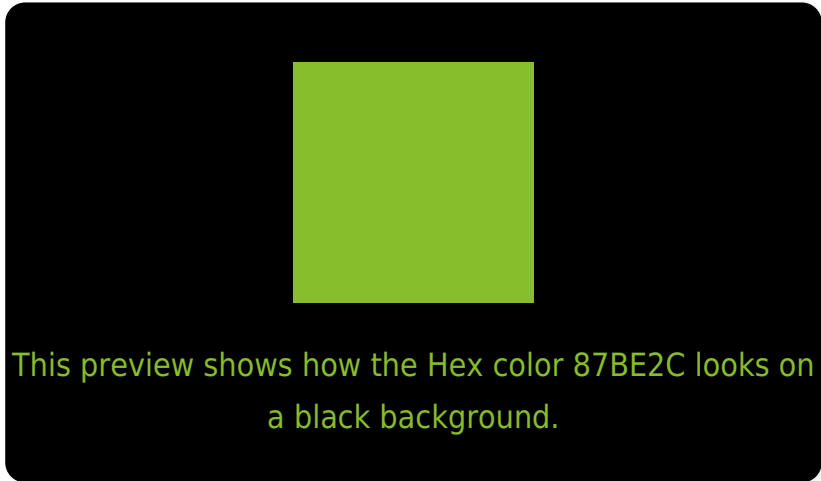
Large Text (above 18pt) WCAG AA × Fail

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 87BE2C Background



This preview shows how black text looks on a background with the Hex color 87BE2C.

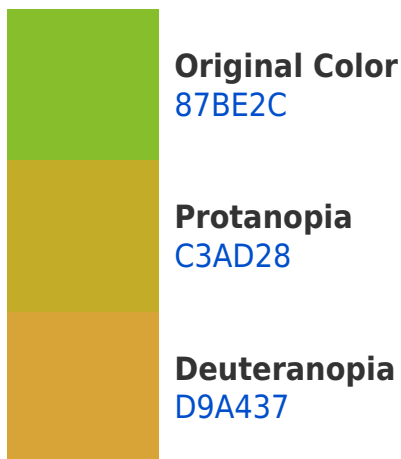


This preview shows how white text looks on a background with the Hex color 87BE2C.

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](#).

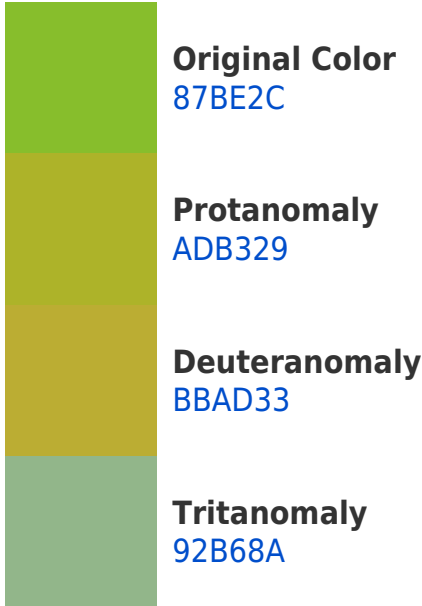
Dichromacy





Tritanopia
98B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87BE2C 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 #87BE2C looks like.

```
.text, #text, p{  
    color:#87BE2C  
}
```

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 #87BE2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87BE2C
}
```

Border

The CSS property to change the border of an element to Hex 87BE2C 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
#87BE2C }
```

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

```
.border{ border-color:#87BE2C }
```

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

Here you see how a box with a 4 pixel #87BE2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87BE2C; -webkit-box-shadow:4px 4px  
4px 4px #87BE2C; box-shadow:4px 4px 4px  
4px #87BE2C }
```

Background

The CSS property to change the background color of an element to Hex 87BE2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87BE2C }
```

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

```
.background{ background-color:#87BE2C }
```

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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