

Converting Colors

Hex(89BF2C)

Have a look what the booklet for
Hex(89BF2C) contains.

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Color

Hex(89BF2C)

Conversions

Conversions Part 1

Format	Color
Hex	89BF2C
RGB	137, 191, 44
RGB Percent	54%, 75%, 17%
CMY	0.4627, 0.2510, 0.8275
CMYK	0.28, 0.00, 0.77, 0.25
HSL	82°, 63%, 46%
HSV	82°, 77%, 75%
XYZ	29.4020, 42.7618, 9.0871
YIQ	158.0960, 15.0030, -57.1650

Conversions

Conversions Part 2

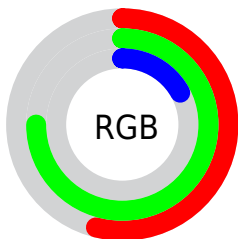
Format	Color
RYB	44, 191, 98
Decimal	9027372
CIELab	71.39, -38.54, 63.28
CIELCh	71, 74.089, 121.344
Yxy	42.7618, 0.3619, 0.5263
Android (android.graphics.Color)	4287217452 (0xFF89BF2C)
YUV	158.0960, -56.2493, -18.5012
Hunter-Lab	65.3925, -34.1793, 37.5357

Details

The Hex color **89BF2C** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **622CBF**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **C2F865**, and **518900** is the 20% darker color. If you saturate the color by 10%, you get **82BF19**, and if you desaturate by 10%, it is **90BF3F**.

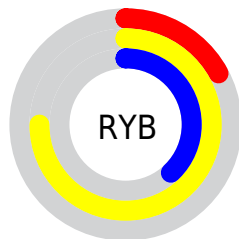
Distribution



Red (54%)

Green (75%)

Blue (17%)



Red (17%)

Yellow (75%)

Blue (38%)

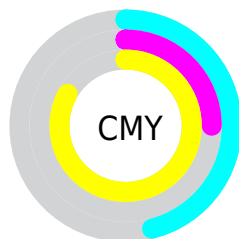


Cyan (28%)

Magenta (0%)

Yellow (77%)

Black (25%)



Cyan (46%)

Magenta (25%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89BF2C 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 89BF2C by changing the saturation by 10% instead.



89BF2C



89BF2C

FFFFFF



6DA400



C2F865



518900



DFFF81



356F00



FDF99D



155700



FFFB9



003F00



FFFD6



002900



FFFFF3



000A00



000000



89BF2C



89BF2C

 82BF19

 90BF3F

 7BBF06

 97BF52

 79BF00

 9EBF65

 A5BF78

 ACBF8C

 B3BF9F

 BABFB2

 C1BFC5

 C8BFD8

Harmonies

Analogous

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



CDAD00



89BF2C



00CA6A

Triad

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



89BF2C



00C6FF



FF6BAF

Complementary

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



89BF2C



622CBF

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.



FF7DF1



89BF2C



00B6FF

Square

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



89BF2C



00CDF3



B19BFF



FF766D

Rectangle

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



89BF2C



00CD98



B19BFF



FF6EC5

Sweetspot

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



89BF2C



E2F7BE



BF622C



707D5A



FCFCFC



7D7D7D

Same Dimension

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



89BF2C



A4F714



40BF2C



5B5E55



649E00



131F00

Inverse Universe

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



622CBF



6714F7



AB2CBF



58555E



3A009E



0B001F

Previews

White Background



This preview shows how the Hex color 89BF2C looks on a white background.

Color Contrast Check

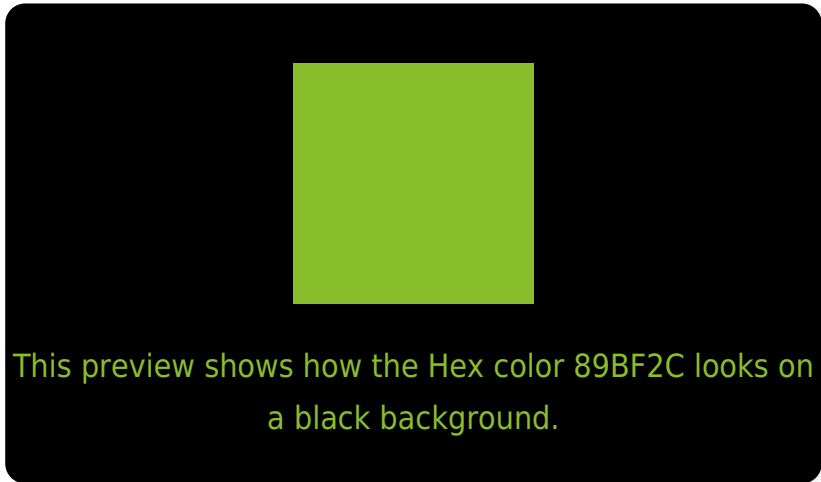
Large Text (above 18pt) WCAG AA × Fail

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 89BF2C Background



This preview shows how black text looks on a background with the Hex color 89BF2C.



This preview shows how white text looks on a background with the Hex color 89BF2C.

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



Original Color
89BF2C

Protanopia
C4AF28

Deuteranopia
DAA538



Tritanopia
9AB2C0

Trichromacy



Original Color
89BF2C



Protanomaly
AFB529



Deuteranomaly
BDAE34

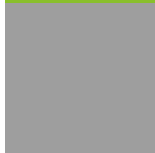


Tritanomaly
94B78A

Monochromacy



Original Color
89BF2C



Achromatopsia
9E9E9E



Achromatomaly
96AA75

CSS Examples

Text

The CSS property to change the color of the text to Hex 89BF2C 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 #89BF2C looks like.

```
.text, #text, p{  
    color:#89BF2C  
}
```

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 #89BF2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89BF2C
}
```

Border

The CSS property to change the border of an element to Hex 89BF2C 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
#89BF2C }
```

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

```
.border{ border-color:#89BF2C }
```

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

Here you see how a box with a 4 pixel #89BF2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89BF2C; -webkit-box-shadow:4px 4px  
4px 4px #89BF2C; box-shadow:4px 4px 4px  
4px #89BF2C }
```

Background

The CSS property to change the background color of an element to Hex 89BF2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89BF2C }
```

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

```
.background{ background-color:#89BF2C }
```

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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