

Converting Colors

Hex(89CB2D)

Have a look what the booklet for
Hex(89CB2D) contains.

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Color

Hex(89CB2D)

Conversions

Conversions Part 1

Format	Color
Hex	89CB2D
RGB	137, 203, 45
RGB Percent	54%, 80%, 18%
CMY	0.4627, 0.2039, 0.8235
CMYK	0.33, 0.00, 0.78, 0.20
HSL	85°, 64%, 49%
HSV	85°, 78%, 80%
XYZ	32.1461, 48.2197, 10.0957
YIQ	165.2540, 11.3820, -63.1300

Conversions

Conversions Part 2

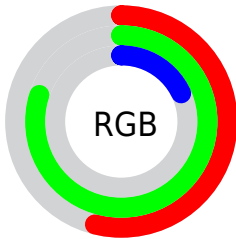
Format	Color
RYB	45, 203, 111
Decimal	9030445
CIELab	74.96, -43.72, 66.31
CIELCh	75, 79.426, 123.397
Yxy	48.2197, 0.3554, 0.5330
Android (android.graphics.Color)	4287220525 (0xFF89CB2D)
YUV	165.2540, -59.2852, -24.7788
Hunter-Lab	69.4404, -38.8875, 39.9883

Details

The Hex color **89CB2D** 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 **6F2DCB**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **C3FF68**, and **509400** is the 20% darker color. If you saturate the color by 10%, you get **81CB19**, and if you desaturate by 10%, it is **91CB41**.

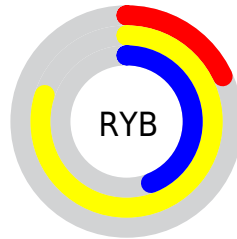
Distribution



Red (54%)

Green (80%)

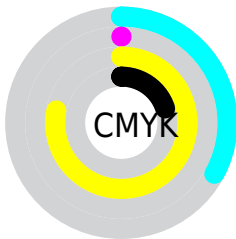
Blue (18%)



Red (18%)

Yellow (80%)

Blue (44%)

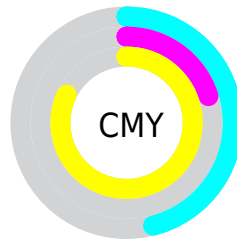


Cyan (33%)

Magenta (0%)

Yellow (78%)

Black (20%)



Cyan (46%)

Magenta (20%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89CB2D 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 89CB2D by changing the saturation by 10% instead.

 89CB2D

 89CB2D

FFFFFF

 6DAF00

 C3FF68

 509400

 E0FF84

 327A00

 FEFFA0

 0D6100

 FFFFBC

 004800

 FFFFD9

 003100


 FFFFF7

 001A00

 000000

 89CB2D

 89CB2D

 81CB19

 91CB41

 78CB04

 9ACB56

 76CB00

 A2CB6A

 ABCB7E

 B3CB93

 BCCBA7

 C4CBBB

 CDCBCF

 D5CBE4

Harmonies

Analogous

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



D4B800



89CB2D



00D673

Triad

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



89CB2D



00D1FF



FF6DB3

Complementary

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



89CB2D



6F2DCB

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.



FF7FFB



89CB2D



00BFFF

Square

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



89CB2D



00D9FF



C3A1FF



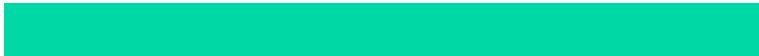
FF7C6C

Rectangle

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



89CB2D



00D9A5



C3A1FF



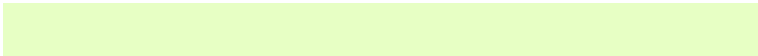
FF70CC

Sweetspot

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



89CB2D



E7FFC4



CB6F2D



71805C



000000



808080

Same Dimension

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



89CB2D



9CFF12



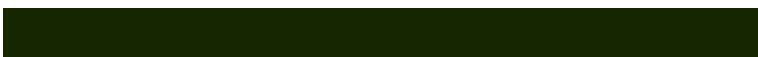
3ACB2D



62665C



61A600



162600

Inverse Universe

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



6F2DCB



7512FF



BE2DCB



605C66



4500A6



100026

Previews

White Background



This preview shows how the Hex color 89CB2D looks on a white background.

Color Contrast Check

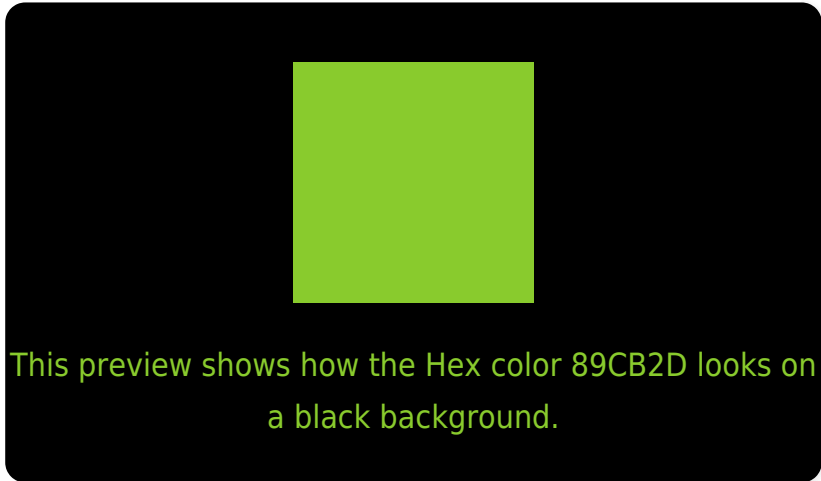
Large Text (above 18pt) WCAG AA × Fail

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 89CB2D Background



This preview shows how black text looks on a background with the Hex color 89CB2D.

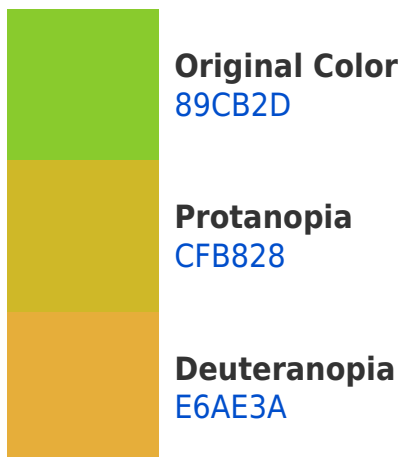


This preview shows how white text looks on a background with the Hex color 89CB2D.

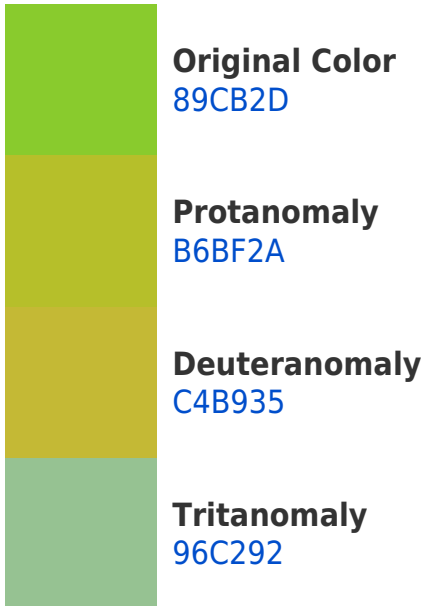
Color Blindness Simulation

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](#).

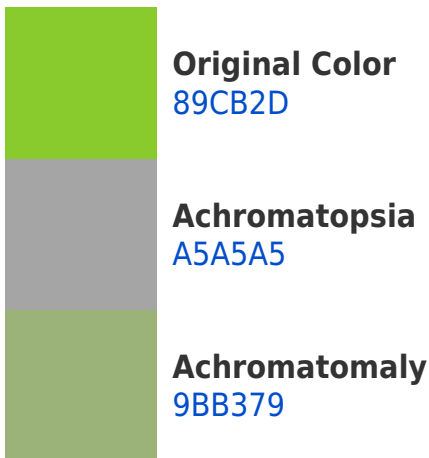
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89CB2D 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 #89CB2D looks like.

```
.text, #text, p{  
    color:#89CB2D  
}
```

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 #89CB2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89CB2D
}
```

Border

The CSS property to change the border of an element to Hex 89CB2D 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
#89CB2D }
```

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

```
.border{ border-color:#89CB2D }
```

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

Here you see how a box with a 4 pixel #89CB2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89CB2D; -webkit-box-shadow:4px 4px  
4px 4px #89CB2D; box-shadow:4px 4px 4px  
4px #89CB2D }
```

Background

The CSS property to change the background color of an element to Hex 89CB2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89CB2D }
```

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

```
.background{ background-color:#89CB2D }
```

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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