

Converting Colors

Hex(86BE3A)

Have a look what the booklet for
Hex(86BE3A) contains.

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Color

Hex(86BE3A)

Conversions

Conversions Part 1

Format	Color
Hex	86BE3A
RGB	134, 190, 58
RGB Percent	53%, 75%, 23%
CMY	0.4745, 0.2549, 0.7725
CMYK	0.29, 0.00, 0.69, 0.25
HSL	85°, 53%, 49%
HSV	85°, 69%, 75%
XYZ	29.0087, 42.2007, 10.6196
YIQ	158.2080, 8.9960, -52.9240

Conversions

Conversions Part 2

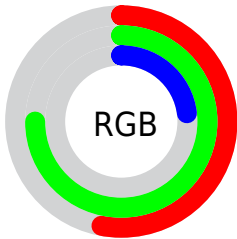
Format	Color
RYB	58, 190, 114
Decimal	8830522
CIELab	71.01, -38.40, 57.95
CIELCh	71, 69.520, 123.527
Yxy	42.2007, 0.3545, 0.5157
Android (android.graphics.Color)	4287020602 (0xFF86BE3A)
YUV	158.2080, -49.4025, -21.2304
Hunter-Lab	64.9621, -33.9748, 35.7811

Details

The Hex color **86BE3A** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **723ABE**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BFF770**, and **4F8800** is the 20% darker color. If you saturate the color by 10%, you get **7EBE27**, and if you desaturate by 10%, it is **8EBE4D**.

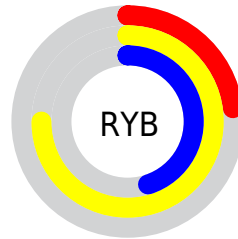
Distribution



Red (53%)

Green (75%)

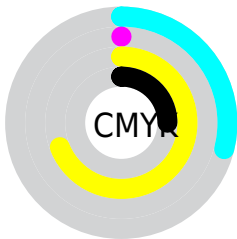
Blue (23%)



Red (23%)

Yellow (75%)

Blue (45%)

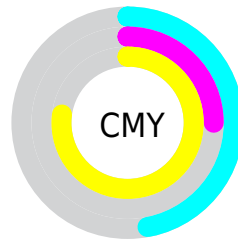


Cyan (29%)

Magenta (0%)

Yellow (69%)

Black (25%)



Cyan (47%)

Magenta (25%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86BE3A 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 86BE3A by changing the saturation by 10% instead.



86BE3A



86BE3A

FFFFFF



6AA31B



BFF770



4F8800



DCFF8C



336E00



F9FFA7



145600



FFFFC4



003E00



FFFFE1



002800

FFFFFFE



000700



000000



86BE3A



86BE3A

 7EBE27

 8EBE4D

 76BE14

 96BE60

 6EBE01

 9EBE73

 6DBE00

 A6BE86

 AEBE99

 B6BEAC

 BEBEBF

 C6BED2

 CFBEE5

Harmonies

Analogous

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



C7AD1B



86BE3A



00C872

Triad

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



86BE3A



00C3FF



FF70A9

Complementary

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



86BE3A



723ABE

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.



FF7EE7



86BE3A



00B3FF

Square

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



86BE3A



00CBF2



B89AFF



FF7C6B

Rectangle

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



86BE3A



00CB9D



B89AFF



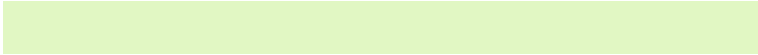
FF72BE

Sweetspot

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



86BE3A



E1F7C3



BE713A



707D5E



FCFCFC



7D7D7D

Same Dimension

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



86BE3A



A0F72A



45BE3A



5A5E55



5B9E00



121F00

Inverse Universe

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



723ABE



812AF7



B33ABE



59555E



43009E



0D001F

Previews

White Background



This preview shows how the Hex color 86BE3A looks on a white background.

Color Contrast Check

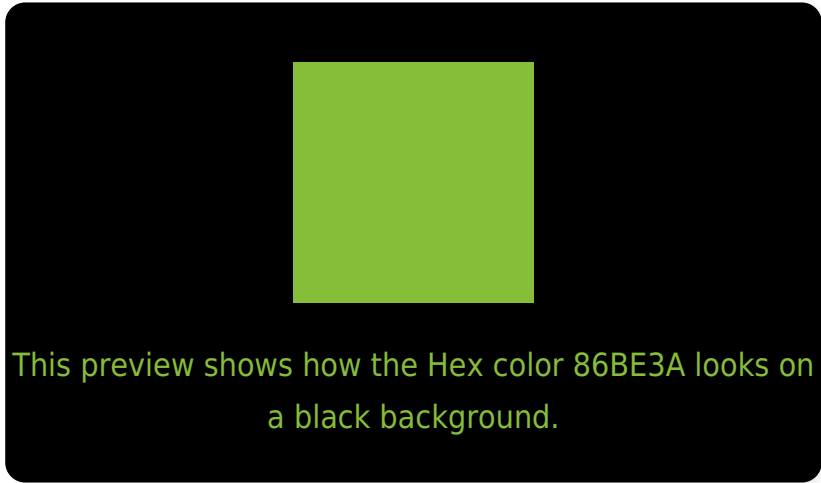
Large Text (above 18pt) WCAG AA × Fail

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 86BE3A Background



This preview shows how black text looks on a background with the Hex color 86BE3A.

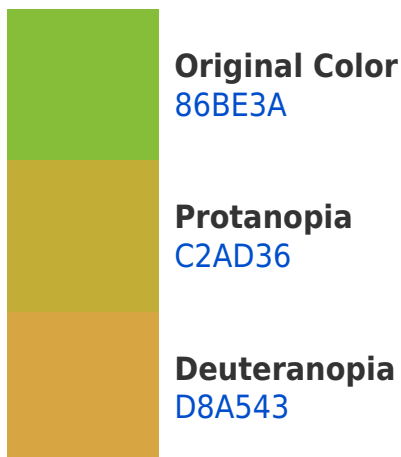


This preview shows how white text looks on a background with the Hex color 86BE3A.

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](#).

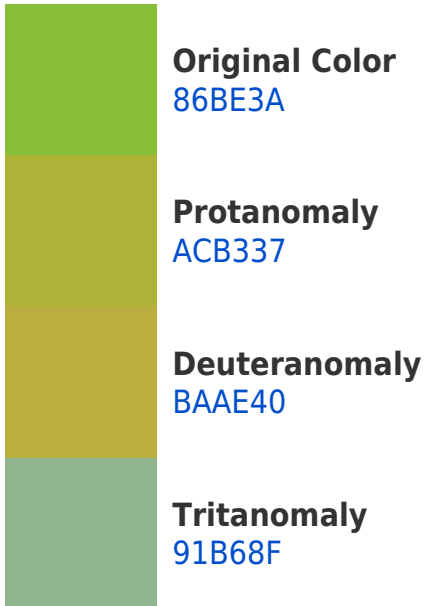
Dichromacy





Tritanopia
97B1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86BE3A 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 #86BE3A looks like.

```
.text, #text, p{  
    color:#86BE3A  
}
```

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 #86BE3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86BE3A
}
```

Border

The CSS property to change the border of an element to Hex 86BE3A 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
#86BE3A }
```

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

```
.border{ border-color:#86BE3A }
```

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

Here you see how a box with a 4 pixel #86BE3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86BE3A; -webkit-box-shadow:4px 4px  
4px 4px #86BE3A; box-shadow:4px 4px 4px  
4px #86BE3A }
```

Background

The CSS property to change the background color of an element to Hex 86BE3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86BE3A }
```

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

```
.background{ background-color:#86BE3A }
```

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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