

Converting Colors

Hex(86CB4C)

Have a look what the booklet for
Hex(86CB4C) contains.

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Color

Hex(86CB4C)

Conversions

Conversions Part 1

Format	Color
Hex	86CB4C
RGB	134, 203, 76
RGB Percent	53%, 80%, 30%
CMY	0.4745, 0.2039, 0.7020
CMYK	0.34, 0.00, 0.63, 0.20
HSL	93°, 55%, 55%
HSV	93°, 63%, 80%
XYZ	32.4920, 48.3020, 14.4482
YIQ	167.8910, -0.3570, -54.1250

Conversions

Conversions Part 2

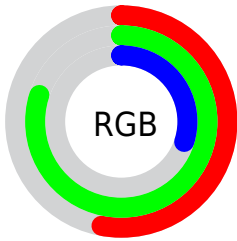
Format	Color
RYB	76, 203, 145
Decimal	8833868
CIELab	75.02, -42.70, 54.91
CIELCh	75, 69.558, 127.867
Yxy	48.3020, 0.3412, 0.5071
Android (android.graphics.Color)	4287023948 (0xFF86CB4C)
YUV	167.8910, -45.3023, -29.7224
Hunter-Lab	69.4996, -38.1734, 36.3240

Details

The Hex color **86CB4C** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **914CCB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **BFFF82**, and **4E9410** is the 20% darker color. If you saturate the color by 10%, you get **7BCB38**, and if you desaturate by 10%, it is **91CB60**.

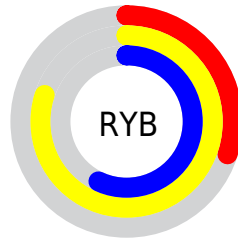
Distribution



Red (53%)

Green (80%)

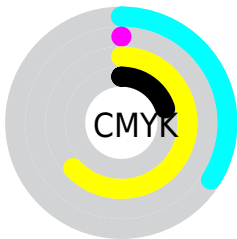
Blue (30%)



Red (30%)

Yellow (80%)

Blue (57%)

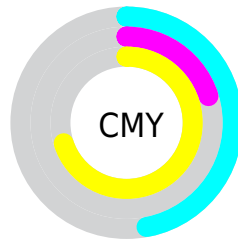


Cyan (34%)

Magenta (0%)

Yellow (63%)

Black (20%)



Cyan (47%)

Magenta (20%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86CB4C 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 86CB4C by changing the saturation by 10% instead.

 86CB4C

 86CB4C

FFFFFF

 6AAF31

 BFFF82

 4E9410

 DCFF9D

 317A00

 F9FFB9

 0E6100

 FFFFD6

 004800

 FFFFF3

 003100

 001A00

 000000

 86CB4C

 86CB4C

 7BCB38

 91CB60

 70CB23

 9CCB75

 65CB0F

 A7CB89

 5DCB00

 B2CB9D

 BDCBB2

 C8CBC6

 D3CBDA

 DECBEE

 E9CBFF

Harmonies

Analogous

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



CABB2A



86CB4C



00D486

Triad

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



86CB4C



00CCFF



FF7CAA

Complementary

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



86CB4C



914CCB

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.



FF86EA



86CB4C



4DBAFF

Square

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



86CB4C



00D5FF



D1A0FF



FF8A6D

Rectangle

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



86CB4C



00D7B2



D1A0FF



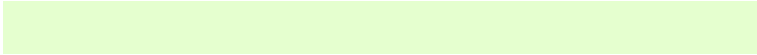
FF7DC0

Sweetspot

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



86CB4C



E5FFCF



CB904C



708062



000000



808080

Same Dimension

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



86CB4C



97FF40



4CCB50



60665C



4CA600



112600

Inverse Universe

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



914CCB



A840FF



CB4CC7



615C66



5A00A6



150026

Previews

White Background



This preview shows how the Hex color 86CB4C looks on a white background.

Color Contrast Check

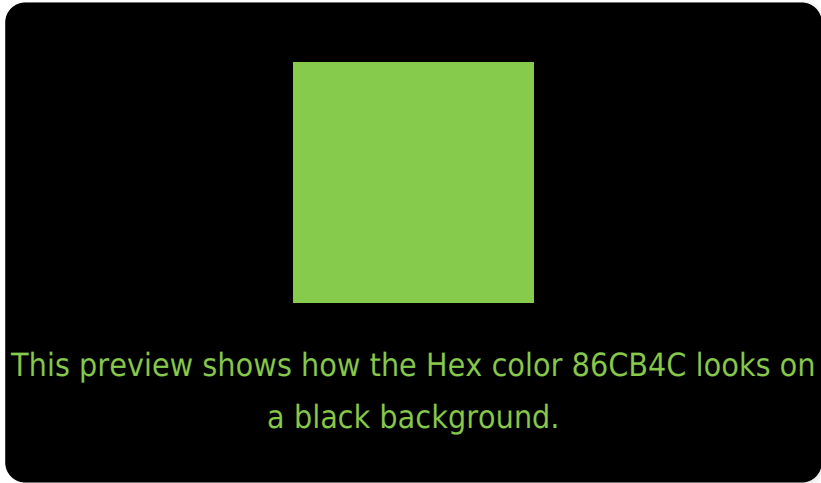
Large Text (above 18pt) WCAG AA × Fail

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 86CB4C Background



This preview shows how black text looks on a background with the Hex color 86CB4C.

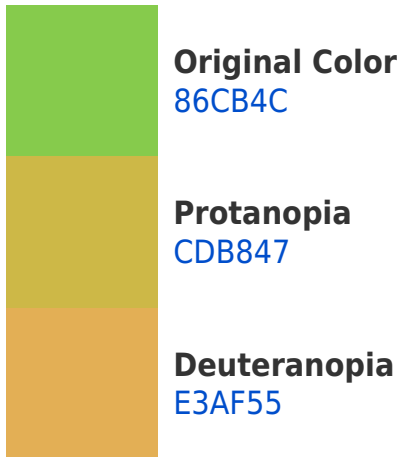


This preview shows how white text looks on a background with the Hex color 86CB4C.

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](#).

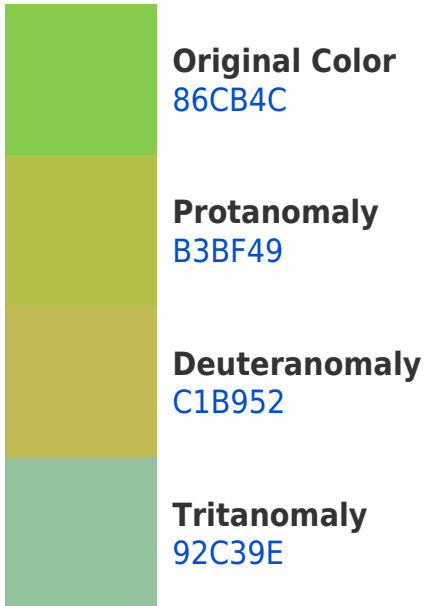
Dichromacy



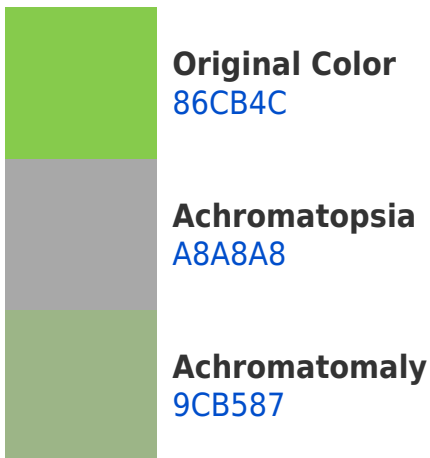


Tritanopia
99BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86CB4C 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 #86CB4C looks like.

```
.text, #text, p{  
    color:#86CB4C  
}
```

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 #86CB4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86CB4C
}
```

Border

The CSS property to change the border of an element to Hex 86CB4C 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
#86CB4C }
```

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

```
.border{ border-color:#86CB4C }
```

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

Here you see how a box with a 4 pixel #86CB4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86CB4C; -webkit-box-shadow:4px 4px  
4px 4px #86CB4C; box-shadow:4px 4px 4px  
4px #86CB4C }
```

Background

The CSS property to change the background color of an element to Hex 86CB4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86CB4C }
```

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

```
.background{ background-color:#86CB4C }
```

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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