

Converting Colors

Hex(86BF56)

Have a look what the booklet for
Hex(86BF56) contains.

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Color

Hex(86BF56)

Conversions

Conversions Part 1

Format	Color
Hex	86BF56
RGB	134, 191, 86
RGB Percent	53%, 75%, 34%
CMY	0.4745, 0.2510, 0.6627
CMYK	0.30, 0.00, 0.55, 0.25
HSL	93°, 45%, 54%
HSV	93°, 55%, 75%
XYZ	30.1420, 43.0018, 15.5156
YIQ	161.9870, -0.2670, -44.7390

Conversions

Conversions Part 2

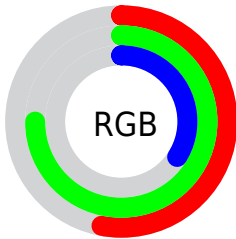
Format	Color
RYB	86, 191, 143
Decimal	8830806
CIELab	71.56, -36.43, 46.50
CIELCh	72, 59.066, 128.078
Yxy	43.0018, 0.3400, 0.4850
Android (android.graphics.Color)	4287020886 (0xFF86BF56)
YUV	161.9870, -37.4616, -24.5446
Hunter-Lab	65.5758, -32.7097, 31.8747

Details

The Hex color **86BF56** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8F56BF**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BEF88B**, and **508922** is the 20% darker color. If you saturate the color by 10%, you get **7CBF43**, and if you desaturate by 10%, it is **90BF69**.

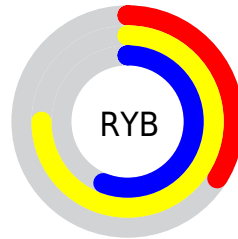
Distribution



Red (53%)

Green (75%)

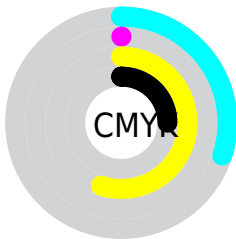
Blue (34%)



Red (34%)

Yellow (75%)

Blue (56%)

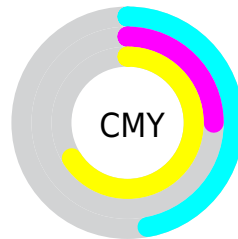


Cyan (30%)

Magenta (0%)

Yellow (55%)

Black (25%)



Cyan (47%)

Magenta (25%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86BF56 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 86BF56 by changing the saturation by 10% instead.

 86BF56

 86BF56

FFFFFF

 6BA43C

 BEF88B

 508922

 DAFFA6

 356F01

 F8FFC2

 185700

 FFFFDE

 003F00

 FFFFFB

 002900

 000B00

 000000

 86BF56

 86BF56

 7CBF43

 90BF69

 71BF30

 9BBF7C

 67BF1D

 A5BF8F

 5DBF0A

 AFBFA2

 57BF00

 BABFB6

 C4BFC9

 CFBFDC

 D9BFEF

 E3BFFF

Harmonies

Analogous

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



C0B13D



86BF56



28C785

Triad

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



86BF56



00C0FF



FF7FA3

Complementary

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



86BF56



8F56BF

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.



FC87D9



86BF56



65B0FF

Square

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



86BF56



00C8F0



C69BFF



FF8A70

Rectangle

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



86BF56



00CAAA



C69BFF



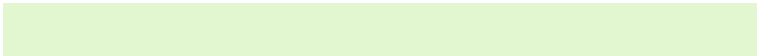
FF80B5

Sweetspot

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



86BF56



E2F7D0



BF8E56



707D65



FCFCFC



7D7D7D

Same Dimension

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



86BF56



9FF754



56BF5A



595E55



489E00



0E1F00

Inverse Universe

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



8F56BF



AD54F7



BF56BC



5A555E



56009E



11001F

Previews

White Background



This preview shows how the Hex color 86BF56 looks on a white background.

Color Contrast Check

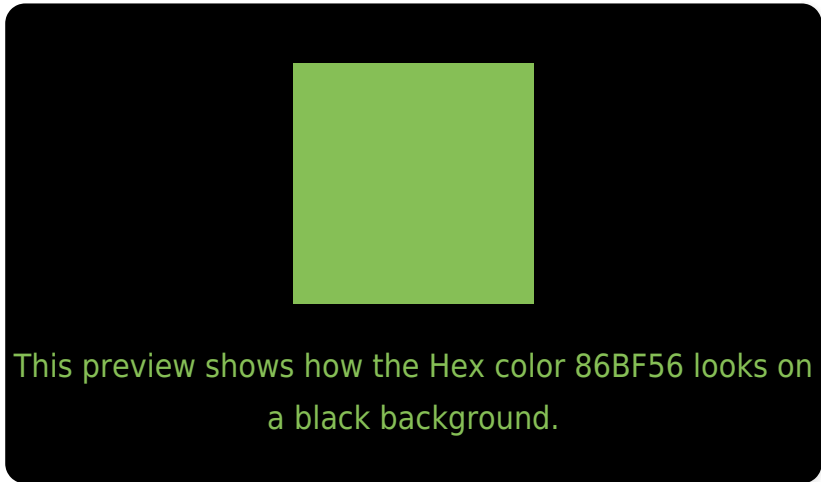
Large Text (above 18pt) WCAG AA × Fail

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 86BF56 Background



This preview shows how black text looks on a background with the Hex color 86BF56.

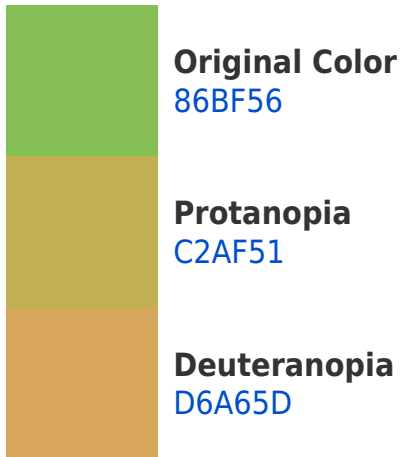


This preview shows how white text looks on a background with the Hex color 86BF56.

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](#).

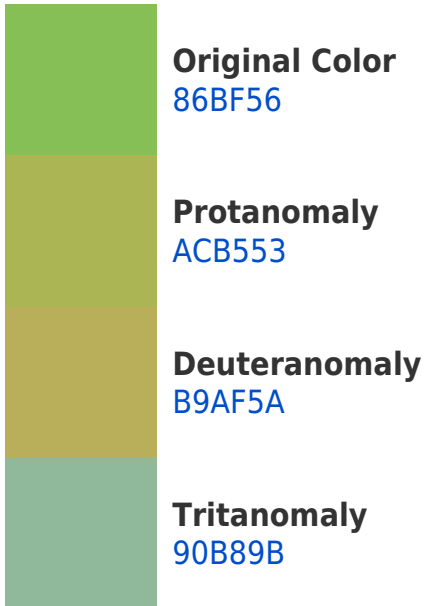
Dichromacy



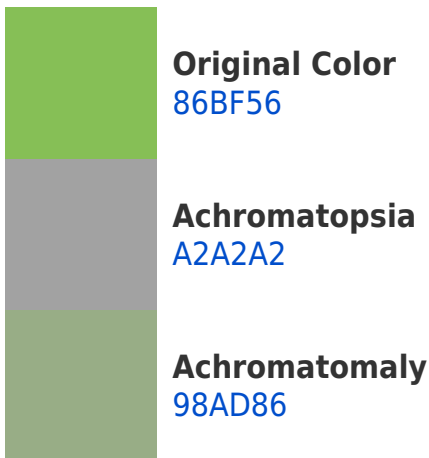


Tritanopia
96B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86BF56 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 #86BF56 looks like.

```
.text, #text, p{  
    color:#86BF56  
}
```

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 #86BF56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86BF56
}
```

Border

The CSS property to change the border of an element to Hex 86BF56 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
#86BF56 }
```

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

```
.border{ border-color:#86BF56 }
```

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

Here you see how a box with a 4 pixel #86BF56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86BF56; -webkit-box-shadow:4px 4px  
4px 4px #86BF56; box-shadow:4px 4px 4px  
4px #86BF56 }
```

Background

The CSS property to change the background color of an element to Hex 86BF56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86BF56 }
```

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

```
.background{ background-color:#86BF56 }
```

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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