

Converting Colors

Hex(86CB76)

Have a look what the booklet for
Hex(86CB76) contains.

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Color

Hex(86CB76)

Conversions

Conversions Part 1

Format	Color
Hex	86CB76
RGB	134, 203, 118
RGB Percent	53%, 80%, 46%
CMY	0.4745, 0.2039, 0.5373
CMYK	0.34, 0.00, 0.42, 0.20
HSL	109°, 45%, 63%
HSV	109°, 42%, 80%
XYZ	34.4575, 49.0882, 24.7984
YIQ	172.6790, -13.8390, -41.0630

Conversions

Conversions Part 2

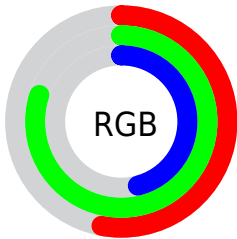
Format	Color
RYB	118, 203, 187
Decimal	8833910
CIELab	75.51, -37.90, 35.63
CIElCh	76, 52.021, 136.769
Yxy	49.0882, 0.3180, 0.4531
Android (android.graphics.Color)	4287023990 (0xFF86CB76)
YUV	172.6790, -26.9567, -33.9215
Hunter-Lab	70.0630, -34.8227, 28.0587

Details

The Hex color **86CB76** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BB76CB**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **BEFFAB**, and **509444** is the 20% darker color. If you saturate the color by 10%, you get **76CB62**, and if you desaturate by 10%, it is **96CB8A**.

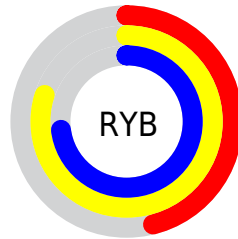
Distribution



Red (53%)

Green (80%)

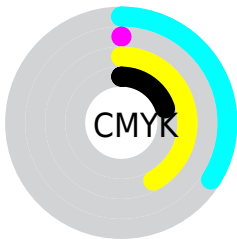
Blue (46%)



Red (46%)

Yellow (80%)

Blue (73%)

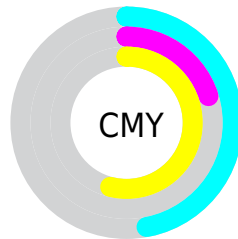


Cyan (34%)

Magenta (0%)

Yellow (42%)

Black (20%)



Cyan (47%)

Magenta (20%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86CB76 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 86CB76 by changing the saturation by 10% instead.

 86CB76

 86CB76

FFFFFF

 6BAF5D

 BEFFAB

 509444

 DAFFC7

 357A2C

 F7FFE3

 186113

 004800

 003100

 001C00

 000000

 86CB76

 86CB76

 76CB62

 96CB8A

 65CB4D

 A7CB9F

 55CB39

 B7CBB3

 44CB25

 C8CBC7

 34CB11

 D8CBDC

 26CB00

 E9CBF0

 F9CBFF

 FFCBFF

Harmonies

Analogous

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



BCC05B



86CB76



35D1A2

Triad

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



86CB76



1AC5FF



FF93A1

Complementary

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



86CB76



BB76CB

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.



FF95D1



86CB76



9BB6FF

Square

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



86CB76



00CFFF



E0A3FC



FF9F76

Rectangle

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



86CB76



00D3C4



E0A3FC



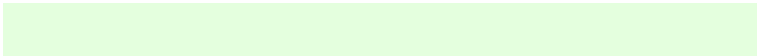
FF92B1

Sweetspot

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



86CB76



E4FFDE



CBBA76



6F806B



000000



808080

Same Dimension

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



86CB76



98FF80



76CB90



5E665C



1FA600



072600

Inverse Universe

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



BB76CB



E780FF



CB76B2



645C66



8700A6



1F0026

Previews

White Background



This preview shows how the Hex color 86CB76 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



This preview shows how the Hex color 86CB76 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

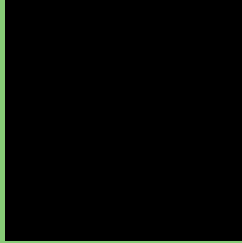
Any Text WCAG AA ✓ Pass

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 86CB76 Background



This preview shows how black text looks on a background with the Hex color 86CB76.

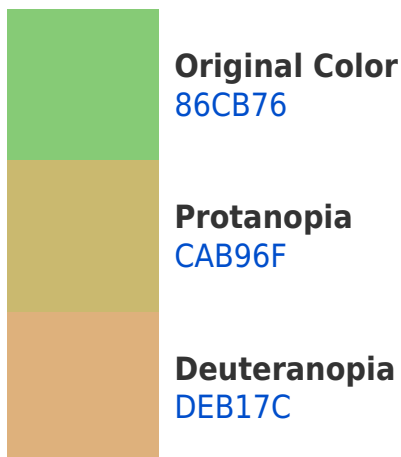


This preview shows how white text looks on a background with the Hex color 86CB76.

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](#).

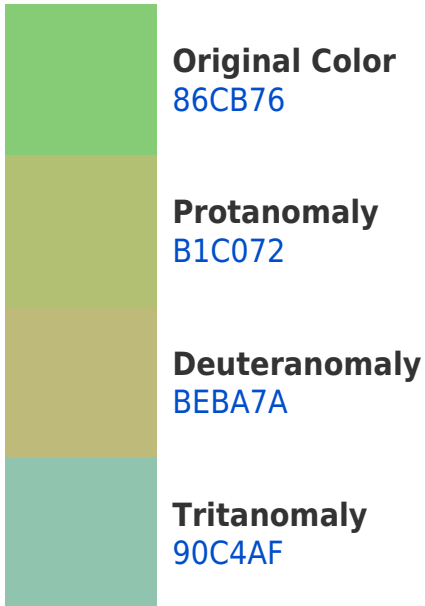
Dichromacy



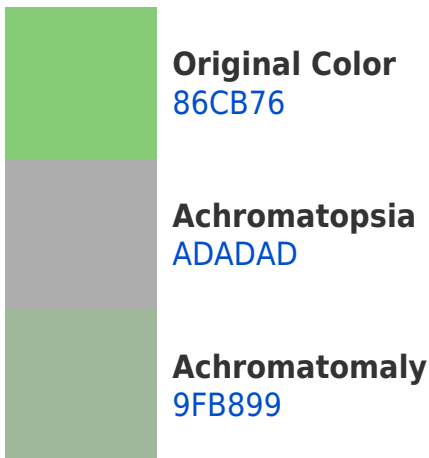


Tritanopia
96C0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86CB76 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 #86CB76 looks like.

```
.text, #text, p{  
    color:#86CB76  
}
```

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 #86CB76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86CB76
}
```

Border

The CSS property to change the border of an element to Hex 86CB76 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
#86CB76 }
```

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

```
.border{ border-color:#86CB76 }
```

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

Here you see how a box with a 4 pixel #86CB76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86CB76; -webkit-box-shadow:4px 4px  
4px 4px #86CB76; box-shadow:4px 4px 4px  
4px #86CB76 }
```

Background

The CSS property to change the background color of an element to Hex 86CB76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86CB76 }
```

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

```
.background{ background-color:#86CB76 }
```

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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