

Converting Colors

Hex(86C083)

Have a look what the booklet for
Hex(86C083) contains.

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Color

Hex(86C083)

Conversions

Conversions Part 1

Format	Color
Hex	86C083
RGB	134, 192, 131
RGB Percent	53%, 75%, 51%
CMY	0.4745, 0.2471, 0.4863
CMYK	0.30, 0.00, 0.32, 0.25
HSL	117°, 33%, 63%
HSV	117°, 32%, 75%
XYZ	32.7779, 44.4063, 28.3164
YIQ	167.7040, -14.9870, -31.2670

Conversions

Conversions Part 2

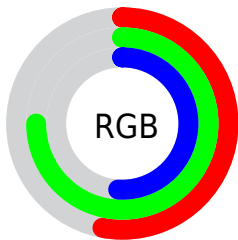
Format	Color
RYB	131, 192, 189
Decimal	8831107
CIELab	72.50, -30.83, 24.92
CIELCh	72, 39.646, 141.047
Yxy	44.4063, 0.3107, 0.4209
Android (android.graphics.Color)	4287021187 (0xFF86C083)
YUV	167.7040, -18.0951, -29.5584
Hunter-Lab	66.6381, -28.8161, 21.4526

Details

The Hex color **86C083** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BD83C0**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **BDF9B8**, and **528A51** is the 20% darker color. If you saturate the color by 10%, you get **74C070**, and if you desaturate by 10%, it is **98C096**.

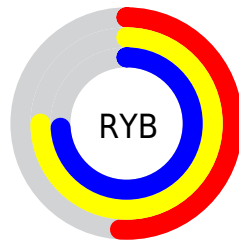
Distribution



Red (53%)

Green (75%)

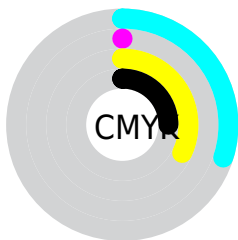
Blue (51%)



Red (51%)

Yellow (75%)

Blue (74%)

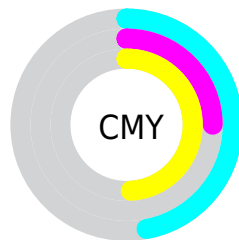


Cyan (30%)

Magenta (0%)

Yellow (32%)

Black (25%)



Cyan (47%)

Magenta (25%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86C083 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 86C083 by changing the saturation by 10% instead.



86C083



86C083

FFFFFF



6CA56A



BDF9B8



528A51



D9FFD4



397039



F6FFF1



1F5823



00400C



002900



001000



000000



86C083



86C083

 74C070

 98C096

 61C05D

 ABC0A9

 4FC049

 BDC0BD

 3DC036

 CFC0D0

 2BC023

 E1C0E3

 18C010

 F4C0F6

 09C000

 FFC0FF

Harmonies

Analogous

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



B0B86D



86C083



56C5A5

Triad

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



86C083



69B9F9



F9979A

Complementary

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



86C083



BD83C0

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.



F197BE



86C083



A6ACF5

Square

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



86C083



21C1E9



D59FE0



ED9F7B

Rectangle

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



86C083



2FC5BE



D59FE0



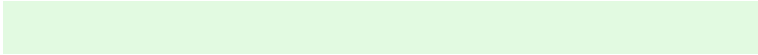
F896A6

Sweetspot

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



86C083



E2FAE1



C0BD83



6F7D6E



FCFCFC



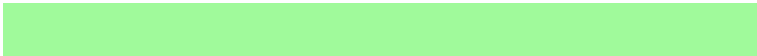
7D7D7D

Same Dimension

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



86C083



A0FA9B



83C09E



586157



08A100



022100

Inverse Universe

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



BD83C0



F59BFA



C083A5



605761



9900A1



200021

Previews

White Background



This preview shows how the Hex color 86C083 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 86C083 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 86C083 Background



This preview shows how black text looks on a background with the Hex color 86C083.

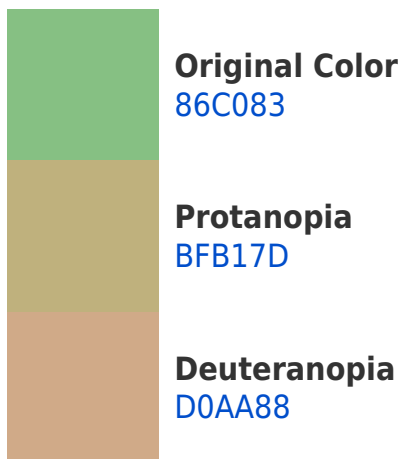


This preview shows how white text looks on a background with the Hex color 86C083.

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](#).

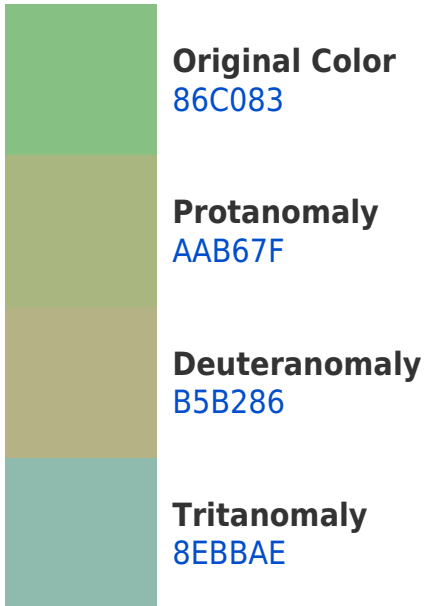
Dichromacy



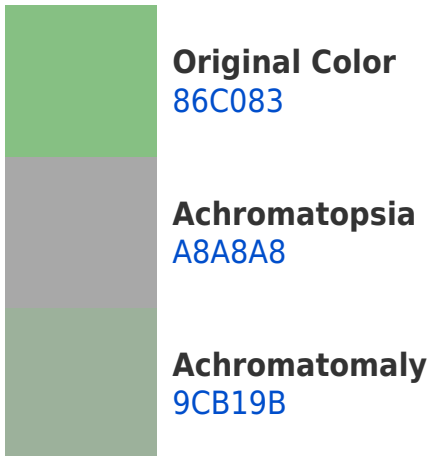


Tritanopia
92B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86C083 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 #86C083 looks like.

```
.text, #text, p{  
    color:#86C083  
}
```

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 #86C083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C083
}
```

Border

The CSS property to change the border of an element to Hex 86C083 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
#86C083 }
```

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

```
.border{ border-color:#86C083 }
```

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

Here you see how a box with a 4 pixel #86C083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C083; -webkit-box-shadow:4px 4px  
4px 4px #86C083; box-shadow:4px 4px 4px  
4px #86C083 }
```

Background

The CSS property to change the background color of an element to Hex 86C083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C083 }
```

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

```
.background{ background-color:#86C083 }
```

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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