

# Converting Colors

Hex(86C583)

Have a look what the booklet for  
Hex(86C583) contains.

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# **Color**

**Hex(86C583)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86C583
RGB	134, 197, 131
RGB Percent	53%, 77%, 51%
CMY	0.4745, 0.2275, 0.4863
CMYK	0.32, 0.00, 0.34, 0.23
HSL	117°, 36%, 64%
HSV	117°, 34%, 77%
XYZ	33.8945, 46.6395, 28.6886
YIQ	170.6390, -16.3620, -33.8820

# Conversions

## Conversions Part 2

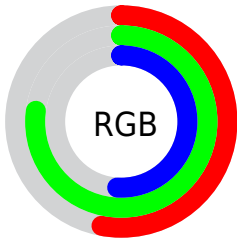
Format	Color
<a href="#">RYB</a>	<a href="#">131, 197, 194</a>
Decimal	<a href="#">8832387</a>
CIELab	<a href="#">73.96, -33.18, 26.88</a>
CIELCh	<a href="#">74, 42.707, 140.988</a>
Yxy	<a href="#">46.6395, 0.3103, 0.4270</a>
Android (android.graphics.Color)	<a href="#">4287022467 (0xFF86C583)</a>
YUV	<a href="#">170.6390, -19.5420, -32.1324</a>
Hunter-Lab	<a href="#">68.2931, -30.9218, 22.8986</a>

# Details

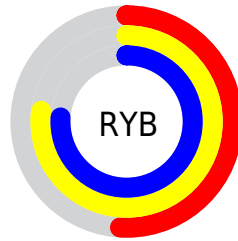
The Hex color **86C583** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C283C5**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **BDFEB8**, and **518F51** is the 20% darker color. If you saturate the color by 10%, you get **73C56F**, and if you desaturate by 10%, it is **99C597**.

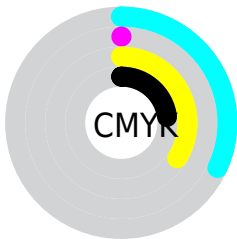
# Distribution



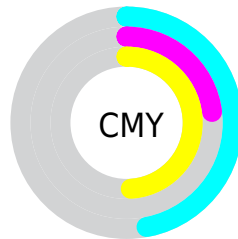
- Red (53%)
- Green (77%)
- Blue (51%)



- Red (51%)
- Yellow (77%)
- Blue (76%)



- Cyan (32%)
- Magenta (0%)
- Yellow (34%)
- Black (23%)



- Cyan (47%)
- Magenta (23%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86C583 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 86C583 by changing the saturation by 10% instead.





86C583



86C583

FFFFFF



6BAA69



BDFEB8



518F51



D9FFD4



387539



F6FFF1



1D5C22



00440B



002D00



001600



000000



86C583



86C583

 73C56F

 99C597

 60C55C

 ACC5AA

 4EC548

 BEC5BE

 3BC534

 D1C5D2

 28C520

 E4C5E6

 15C50D

 F7C5F9

 09C500

 FFC5FF

# Harmonies

## Analogous

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



B3BC6B



86C583



4FCAA8

# Triad

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



86C583



63BDFE



FF989C

# Complementary

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



86C583



C283C5

# 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.



FA98C3



86C583



A8B0FF

# Square

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



86C583



00C6F2



DBA2E8



F5A27A

# Rectangle

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



86C583



14CBC3



DBA2E8



FF97A9

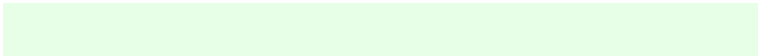


# Sweetspot

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



86C583



E7FFE6



C5C283



718070



000000



808080



# Same Dimension

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



86C583



9EFF99



83C5A1



5A635A



07A300



022400



# Inverse Universe

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



C283C5



FA99FF



C583A7



635A63



9C00A3



220024



# Previews

## White Background



This preview shows how the Hex color 86C583 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 86C583 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

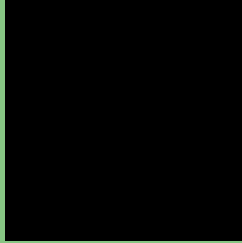
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 86C583 Background



This preview shows how black text looks on a background with the Hex color 86C583.

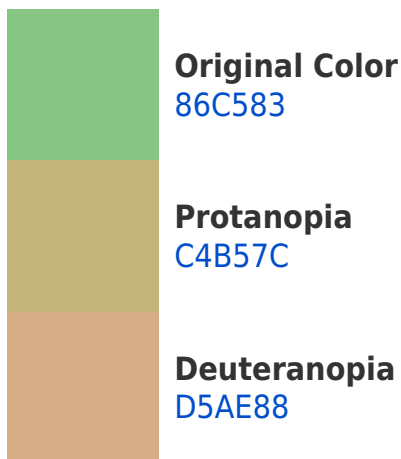


This preview shows how white text looks on a background with the Hex color 86C583.

# 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**  
93BCCB

# Trichromacy



**Original Color**  
86C583



**Protanomaly**  
ADBB7F



**Deuteranomaly**  
B8B686



**Tritanomaly**  
8EBFB1

# Monochromacy



**Original Color**  
86C583



**Achromatopsia**  
ABABAB



**Achromatomaly**  
9EB49C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86C583 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 #86C583 looks like.

```
.text, #text, p{  
    color:#86C583  
}
```

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 #86C583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C583
}
```

## Border

The CSS property to change the border of an element to Hex 86C583 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
#86C583 }
```

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

```
.border{ border-color:#86C583 }
```

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

Here you see how a box with a 4 pixel #86C583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C583; -webkit-box-shadow:4px 4px  
4px 4px #86C583; box-shadow:4px 4px 4px  
4px #86C583 }
```

# Background

The CSS property to change the background color of an element to Hex 86C583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C583 }
```

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

```
.background{ background-color:#86C583 }
```

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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