

# Converting Colors

Hex(86CE5D)

Have a look what the booklet for  
Hex(86CE5D) contains.

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# **Color**

**Hex(86CE5D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86CE5D
RGB	134, 206, 93
RGB Percent	53%, 81%, 36%
CMY	0.4745, 0.1922, 0.6353
CMYK	0.35, 0.00, 0.55, 0.19
HSL	98°, 54%, 59%
HSV	98°, 55%, 81%
XYZ	33.8786, 50.0013, 18.2215
YIQ	171.5900, -6.6390, -50.4070

# Conversions

## Conversions Part 2

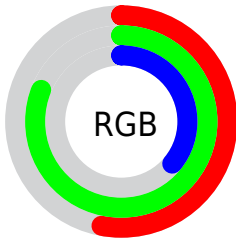
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 206, 165
Decimal	8834653
CIELab	76.07, -42.34, 48.53
CIELCh	76, 64.402, 131.105
Yxy	50.0013, 0.3318, 0.4897
Android (android.graphics.Color)	4287024733 (0xFF86CE5D)
YUV	171.5900, -38.7449, -32.9664
Hunter-Lab	70.7116, -38.2241, 34.2198

# Details

The Hex color **86CE5D** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **A55DCE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **BEFF92**, and **4F9729** is the 20% darker color. If you saturate the color by 10%, you get **79CE48**, and if you desaturate by 10%, it is **93CE72**.

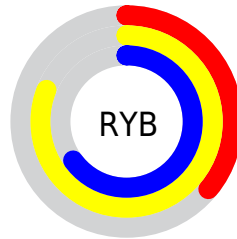
# Distribution



Red (53%)

Green (81%)

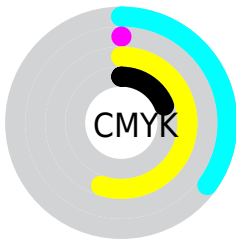
Blue (36%)



Red (36%)

Yellow (81%)

Blue (65%)

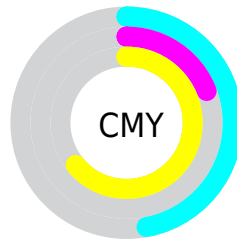


Cyan (35%)

Magenta (0%)

Yellow (55%)

Black (19%)



Cyan (47%)

Magenta (19%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86CE5D 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 86CE5D by changing the saturation by 10% instead.



 86CE5D

 86CE5D

FFFFFF

 6AB243

 BEFF92

 4F9729

 DBFFAE

 327D08

 F9FFCA

 106300

 FFFFE6

 004B00

 003300

 001D00

 000000

 86CE5D

 86CE5D

 79CE48

 93CE72

 6CCE34

 A0CE86

 5FCE1F

 ADCE9B

 51CE0B

 BBCEAF

 4BCE00

 C8CEC4

 D5CED9

 E2CEED

 EFCEFF

 FCCEFF

# Harmonies

## Analogous

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



C7C03E



86CE5D



00D693

# Triad

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



86CE5D



00CCFF



FF86A8

# Complementary

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



86CE5D



A55DCE

# 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.



FF8CE4



86CE5D



75BBFF

# Square

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



86CE5D



00D6FF



DCA3FF



FF9470

# Rectangle

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



86CE5D



00D9BC



DCA3FF



FF86BC

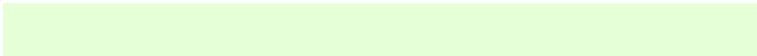


# Sweetspot

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



86CE5D



E5FFD6



CEA55D



708067



000000



808080



# Same Dimension

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



86CE5D



94FF57



5DCE6C



60665C



3CA600



0E2600



# Inverse Universe

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



A55DCE



C257FF



CE5DBF



625C66



6A00A6



180026



# Previews

## White Background



This preview shows how the Hex color 86CE5D looks on a white background.

## Color Contrast Check

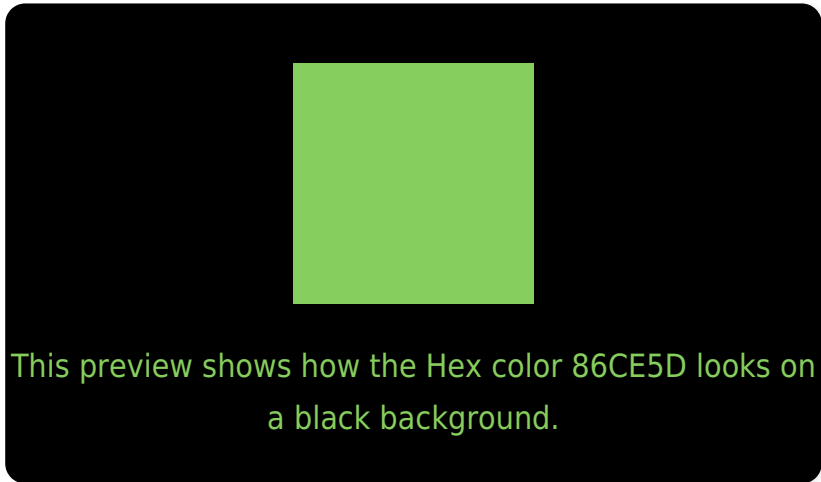
Large Text (above 18pt) WCAG AA × Fail

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 86CE5D Background



This preview shows how black text looks on a background with the Hex color 86CE5D.

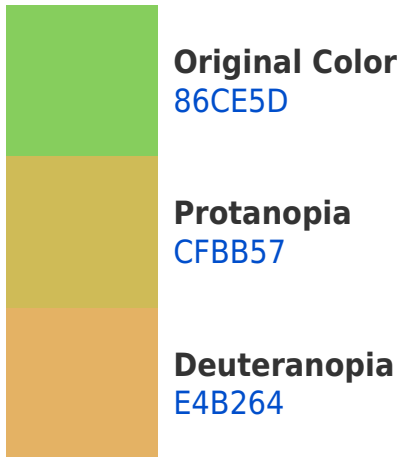


This preview shows how white text looks on a background with the Hex color 86CE5D.

# 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](#).

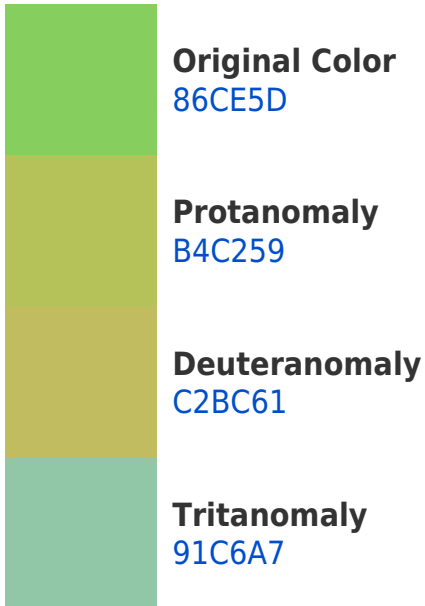
## Dichromacy



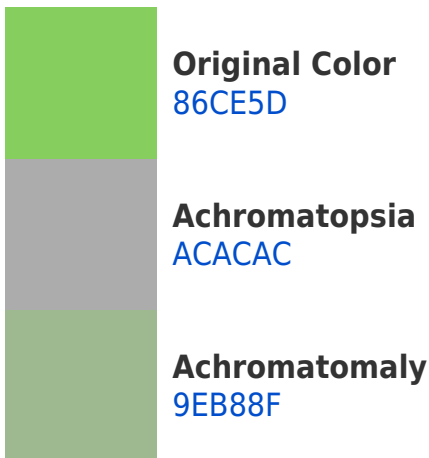


**Tritanopia**  
98C2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86CE5D 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 #86CE5D looks like.

```
.text, #text, p{  
    color:#86CE5D  
}
```

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 #86CE5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86CE5D
}
```

## Border

The CSS property to change the border of an element to Hex 86CE5D 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
#86CE5D }
```

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

```
.border{ border-color:#86CE5D }
```

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

Here you see how a box with a 4 pixel #86CE5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86CE5D; -webkit-box-shadow:4px 4px  
4px 4px #86CE5D; box-shadow:4px 4px 4px  
4px #86CE5D }
```

# Background

The CSS property to change the background color of an element to Hex 86CE5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86CE5D }
```

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

```
.background{ background-color:#86CE5D }
```

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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