

# Converting Colors

Hex(86C664)

Have a look what the booklet for  
Hex(86C664) contains.

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# **Color**

**Hex(86C664)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86C664
RGB	134, 198, 100
RGB Percent	53%, 78%, 39%
CMY	0.4745, 0.2235, 0.6078
CMYK	0.32, 0.00, 0.49, 0.22
HSL	99°, 46%, 58%
HSV	99°, 49%, 78%
XYZ	32.3258, 46.3766, 19.3044
YIQ	167.6920, -6.6860, -44.0460

# Conversions

## Conversions Part 2

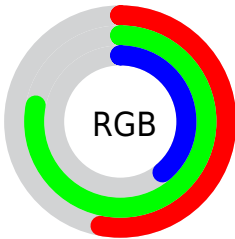
Format	Color
<a href="#">RYB</a>	<a href="#">100, 198, 164</a>
Decimal	<a href="#">8832612</a>
CIELab	<a href="#">73.79, -38.01, 42.45</a>
CIELCh	<a href="#">74, 56.983, 131.840</a>
Yxy	<a href="#">46.3766, 0.3298, 0.4732</a>
Android (android.graphics.Color)	<a href="#">4287022692 (0xFF86C664)</a>
YUV	<a href="#">167.6920, -33.3722, -29.5479</a>
Hunter-Lab	<a href="#">68.1004, -34.4453, 30.8633</a>

# Details

The Hex color **86C664** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A464C6**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **BEFF99**, and **509031** is the 20% darker color. If you saturate the color by 10%, you get **79C650**, and if you desaturate by 10%, it is **93C678**.

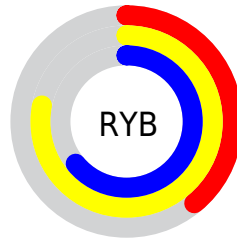
# Distribution



Red (53%)

Green (78%)

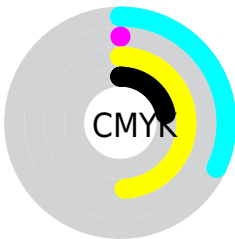
Blue (39%)



Red (39%)

Yellow (78%)

Blue (64%)

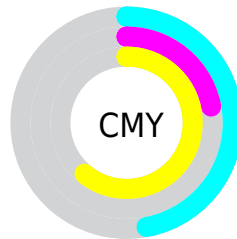


Cyan (32%)

Magenta (0%)

Yellow (49%)

Black (22%)



Cyan (47%)

Magenta (22%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86C664 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 86C664 by changing the saturation by 10% instead.



 86C664

 86C664

FFFFFF

 6BAA4B

 BEFF99

 509031

 DAFFB4

 357617

 F8FFD0

 175C00

 FFFFED

 004400

 002D00

 001600

 000000

 86C664

 86C664

 79C650

 93C678

 6CC63C

 A0C68C

 5FC629

 ADC69F

 52C615

 BAC6B3

 45C601

 C7C6C7

 45C600

 D4C6DB

 E1C6EF

 EDC6FF

 FAC6FF

# Harmonies

## Analogous

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



BFB949



86C664



28CD93

# Triad

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



86C664



00C4FF



FF88A3

# Complementary

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



86C664



A464C6

# 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.



FF8DD7



86C664



80B4FF

# Square

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



86C664



00CDFA



D49FFF



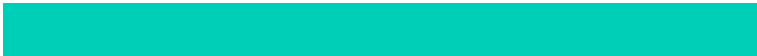
FF9472

# Rectangle

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



86C664



00CFB7



D49FFF



FF88B4

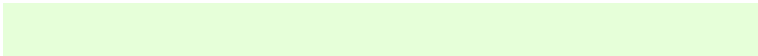


# Sweetspot

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



86C664



E6FFD9



C6A464



718069



000000



808080



# Same Dimension

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



86C664



9DFF69



64C673



5D635A



39A300



0C2400



# Inverse Universe

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



A464C6



CB69FF



C664B7



605A63



6B00A3



170024



# Previews

## White Background



This preview shows how the Hex color 86C664 looks on a white background.

## Color Contrast Check

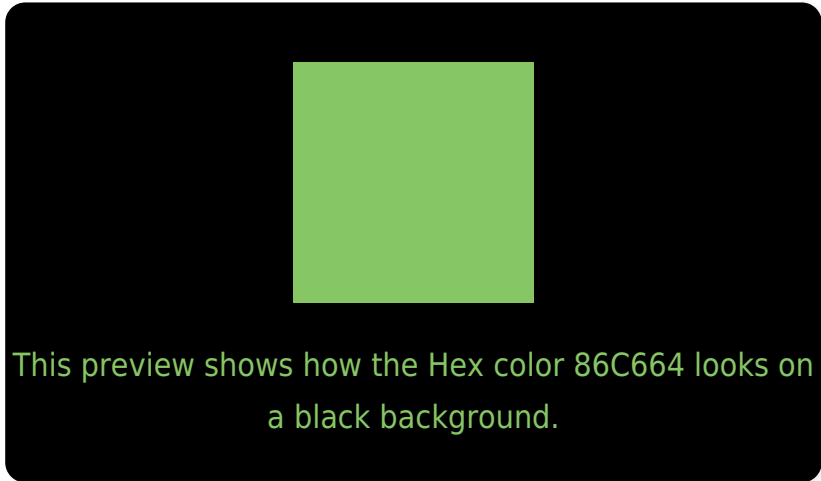
Large Text (above 18pt) WCAG AA × Fail

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 86C664 Background



This preview shows how black text looks on a background with the Hex color 86C664.

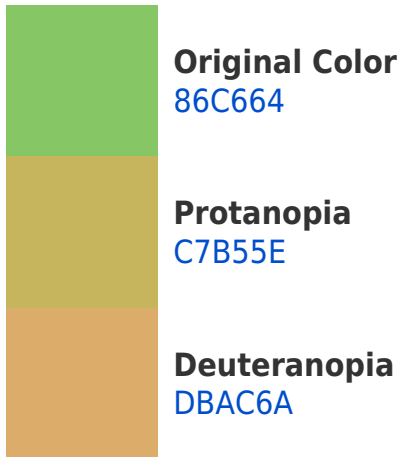


This preview shows how white text looks on a background with the Hex color 86C664.

# 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](#).

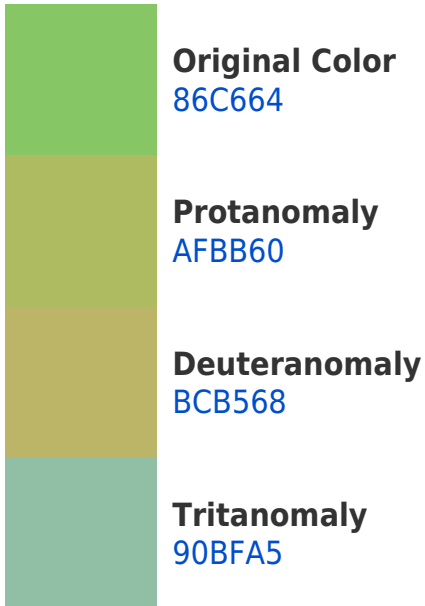
## Dichromacy



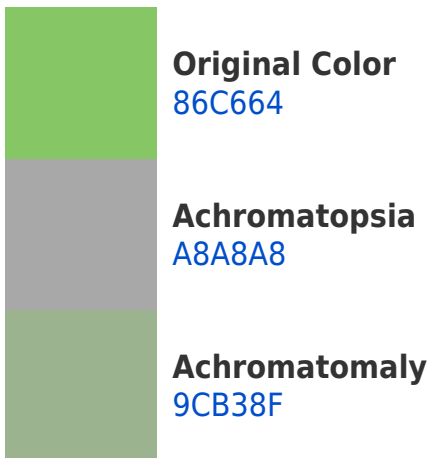


**Tritanopia**  
96BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86C664 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 #86C664 looks like.

```
.text, #text, p{  
    color:#86C664  
}
```

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 #86C664 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C664
}
```

## Border

The CSS property to change the border of an element to Hex 86C664 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
#86C664 }
```

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

```
.border{ border-color:#86C664 }
```

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

Here you see how a box with a 4 pixel #86C664 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C664; -webkit-box-shadow:4px 4px  
4px 4px #86C664; box-shadow:4px 4px 4px  
4px #86C664 }
```

# Background

The CSS property to change the background color of an element to Hex 86C664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C664 }
```

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

```
.background{ background-color:#86C664 }
```

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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