

Converting Colors

Hex(86CD17)

Have a look what the booklet for
Hex(86CD17) contains.

Hex(86CD17)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(86CD17)

Conversions

Conversions Part 1

Format	Color
Hex	86CD17
RGB	134, 205, 23
RGB Percent	53%, 80%, 9%
CMY	0.4745, 0.1961, 0.9098
CMYK	0.35, 0.00, 0.89, 0.20
HSL	83°, 80%, 45%
HSV	83°, 89%, 80%
XYZ	31.8175, 48.7928, 8.5516
YIQ	163.0230, 16.1060, -71.6540

Conversions

Conversions Part 2

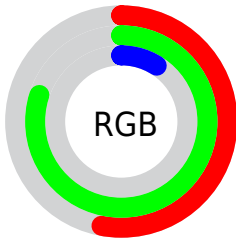
Format	Color
RYB	23, 205, 94
Decimal	8834327
CIELab	75.32, -46.46, 71.80
CIELCh	75, 85.521, 122.904
Yxy	48.7928, 0.3569, 0.5472
Android (android.graphics.Color)	4287024407 (0xFF86CD17)
YUV	163.0230, -69.0313, -25.4532
Hunter-Lab	69.8519, -40.9341, 41.6377

Details

The Hex color **86CD17** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **5E17CD**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **C0FF5B**, and **4C9600** is the 20% darker color. If you saturate the color by 10%, you get **7ECD03**, and if you desaturate by 10%, it is **8ECD2B**.

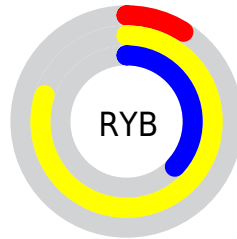
Distribution



Red (53%)

Green (80%)

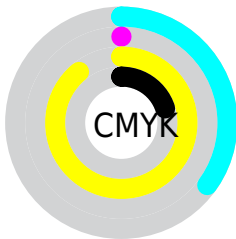
Blue (9%)



Red (9%)

Yellow (80%)

Blue (37%)

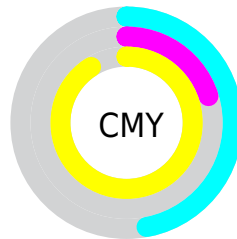


Cyan (35%)

Magenta (0%)

Yellow (89%)

Black (20%)



Cyan (47%)

Magenta (20%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86CD17 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 86CD17 by changing the saturation by 10% instead.

 86CD17

 86CD17

FFFFFF

 69B100

 C0FF5B

 4C9600

 DEFF77

 2C7C00

 FCFF94

 006200

 FFFF80

 004A00

 FFFFCE

 003200

 FFFFEB

 001B00

 000000

 86CD17

 86CD17

 7ECD03

 8ECD2B

 7DCD00

 96CD40

 9ECD55

 A6CD69

 AECD7E

 B6CD92

 BECDA7

 C6CDBB

 CECDD0

Harmonies

Analogous

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



D7B900



86CD17



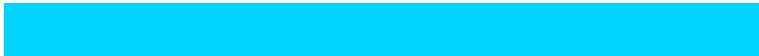
00D86D

Triad

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



86CD17



00D4FF



FF63B5

Complementary

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



86CD17



5E17CD

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.



FF7AFF



86CD17



00C1FF

Square

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



86CD17



00DCFF



C1A1FF



FF7669

Rectangle

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



86CD17



00DCA4



C1A1FF



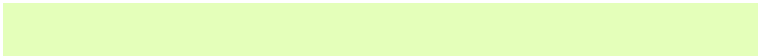
FF67D0

Sweetspot

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



86CD17



E4FFBA



CD5D17



708057



000000



808080

Same Dimension

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



86CD17



9CFF00



2CCD17



62665C



65A600



172600

Inverse Universe

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



5E17CD



6300FF



B817CD



605C66



4100A6



0F0026

Previews

White Background



This preview shows how the Hex color 86CD17 looks on a white background.

Color Contrast Check

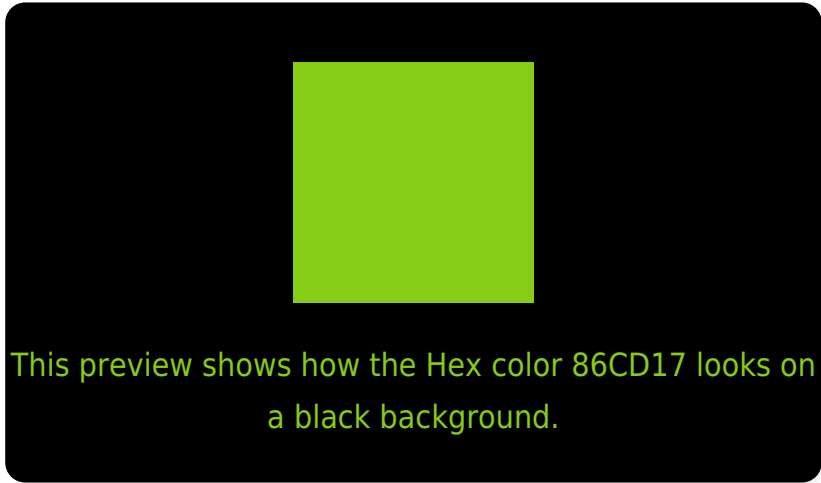
Large Text (above 18pt) WCAG AA × Fail

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 86CD17 Background



This preview shows how black text looks on a background with the Hex color 86CD17.

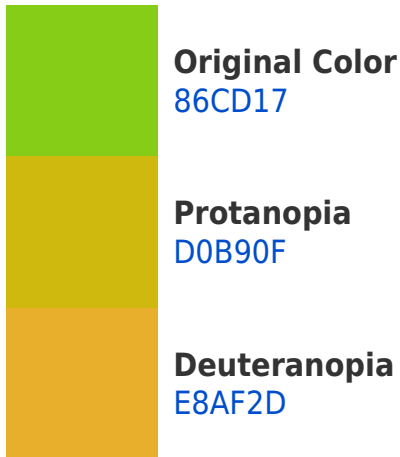


This preview shows how white text looks on a background with the Hex color 86CD17.

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](#).

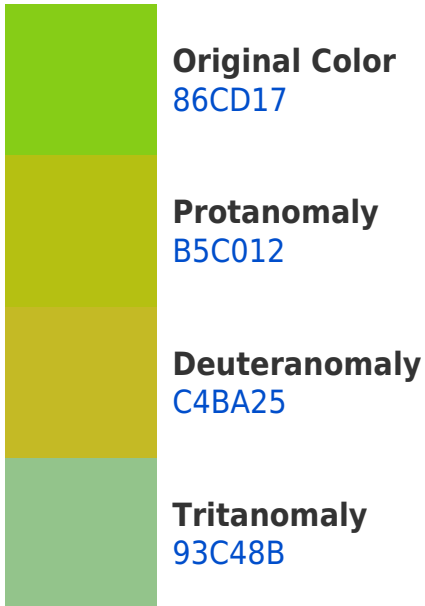
Dichromacy



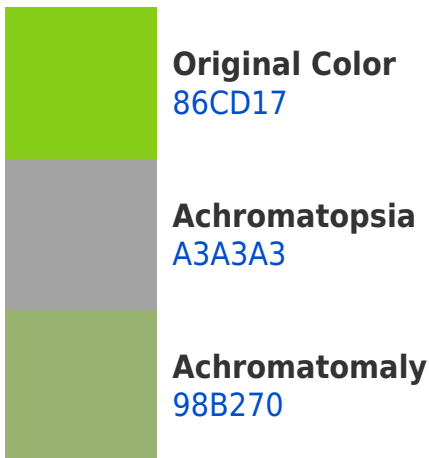


Tritanopia
9BBFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86CD17 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 #86CD17 looks like.

```
.text, #text, p{  
    color:#86CD17  
}
```

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 #86CD17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86CD17
}
```

Border

The CSS property to change the border of an element to Hex 86CD17 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
#86CD17 }
```

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

```
.border{ border-color:#86CD17 }
```

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

Here you see how a box with a 4 pixel #86CD17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86CD17; -webkit-box-shadow:4px 4px  
4px 4px #86CD17; box-shadow:4px 4px 4px  
4px #86CD17 }
```

Background

The CSS property to change the background color of an element to Hex 86CD17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86CD17 }
```

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

```
.background{ background-color:#86CD17 }
```

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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