

# Converting Colors

Hex(86A61E)

Have a look what the booklet for  
Hex(86A61E) contains.

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**Color**

**Hex(86A61E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86A61E
RGB	134, 166, 30
RGB Percent	53%, 65%, 12%
CMY	0.4745, 0.3490, 0.8824
CMYK	0.19, 0.00, 0.82, 0.35
HSL	74°, 69%, 38%
HSV	74°, 82%, 65%
XYZ	23.7021, 32.4345, 6.2396
YIQ	140.9280, 24.5840, -49.0800

# Conversions

## Conversions Part 2

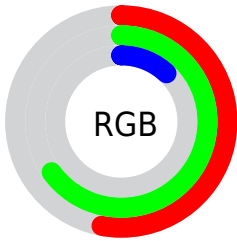
Format	Color
<b>RYB</b>	30, 166, 62
Decimal	8824350
CIELab	63.70, -28.82, 60.31
CIELCh	64, 66.840, 115.542
Yxy	32.4345, 0.3800, 0.5200
Android (android.graphics.Color)	4287014430 (0xFF86A61E)
YUV	140.9280, -54.6875, -6.0759
Hunter-Lab	56.9513, -25.3764, 33.3701

# Details

The Hex color **86A61E** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3E1EA6**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **BEDD58**, and **507200** is the 20% darker color. If you saturate the color by 10%, you get **82A60D**, and if you desaturate by 10%, it is **8AA62F**.

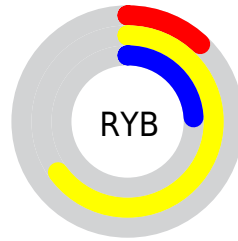
# Distribution



Red (53%)

Green (65%)

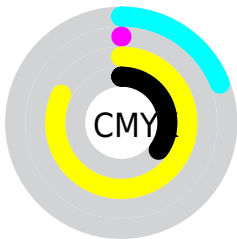
Blue (12%)



Red (12%)

Yellow (65%)

Blue (24%)

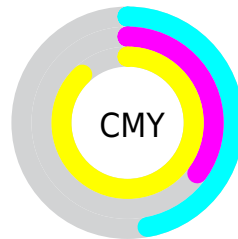


Cyan (19%)

Magenta (0%)

Yellow (82%)

Black (35%)



Cyan (47%)

Magenta (35%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86A61E 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 86A61E by changing the saturation by 10% instead.





86A61E



86A61E

FFFFFF



6B8C00



BEDD58



507200



DBFA73



355900



F9FF8F



184200



FFFFAB



002B00



FFFFC7



001500



FFFFE4



000000



86A61E



86A61E



82A60D



8AA62F

 7FA600

 8EA63F

 92A650

 96A660

 9AA671

 9DA682

 A1A692

 A5A6A3

 A9A6B3

# Harmonies

## Analogous

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



BF9409



86A61E



2CB153

# Triad

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



86A61E



00B1FC



FF60A6

# Complementary

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



86A61E



3E1EA6

# 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.



D973DF



86A61E



00A4FF

# Square

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



86A61E



00B6CC



898EFF



FF656B

# Rectangle

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



86A61E



00B47A



898EFF



F764BA



# Sweetspot

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



86A61E



CCD9A3



A63E1E



666E4D



EDEDED



6E6E6E



# Same Dimension

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



86A61E



A7D904



42A61E



52544C



719400



101400



# Inverse Universe

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



3E1EA6



3604D9



821EA6



4E4C54



230094



050014



# Previews

## White Background



This preview shows how the Hex color 86A61E looks on a white background.

## Color Contrast Check

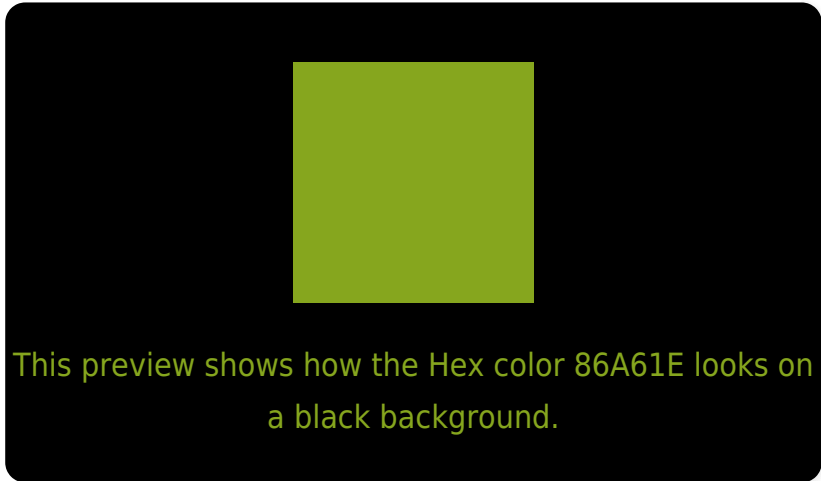
Large Text (above 18pt) WCAG AA × Fail

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 86A61E Background



This preview shows how black text looks on a background with the Hex color 86A61E.



This preview shows how white text looks on a background with the Hex color 86A61E.

# 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



**Original Color**  
86A61E

**Protanopia**  
AD9A1B

**Deuteranopia**  
C19229



**Tritanopia**  
949BA7

# Trichromacy



**Original Color**  
86A61E

**Protanomaly**  
9F9E1C

**Deuteranomaly**  
AC9925

**Tritanomaly**  
8F9F75

# Monochromacy



**Original Color**  
86A61E

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
8A9665

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86A61E 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 #86A61E looks like.

```
.text, #text, p{  
    color:#86A61E  
}
```

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 #86A61E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A61E
}
```

## Border

The CSS property to change the border of an element to Hex 86A61E 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
#86A61E }
```

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

```
.border{ border-color:#86A61E }
```

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

Here you see how a box with a 4 pixel #86A61E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A61E; -webkit-box-shadow:4px 4px  
4px 4px #86A61E; box-shadow:4px 4px 4px  
4px #86A61E }
```

# Background

The CSS property to change the background color of an element to Hex 86A61E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A61E }
```

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

```
.background{ background-color:#86A61E }
```

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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