

# Converting Colors

Hex(8FA82E)

Have a look what the booklet for  
Hex(8FA82E) contains.

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# Color

Hex(8FA82E)

# Conversions

## Conversions Part 1

Format	Color
Hex	8FA82E
RGB	143, 168, 46
RGB Percent	56%, 66%, 18%
CMY	0.4392, 0.3412, 0.8196
CMYK	0.15, 0.00, 0.73, 0.34
HSL	72°, 57%, 42%
HSV	72°, 73%, 66%
XYZ	25.8235, 34.0422, 7.7945
YIQ	146.6170, 24.2620, -43.2420

# Conversions

## Conversions Part 2

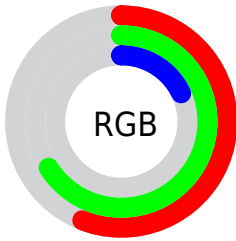
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">46, 168, 71</a>
Decimal	<a href="#">9414702</a>
CIELab	<a href="#">65.00, -25.28, 56.60</a>
CIELCh	<a href="#">65, 61.994, 114.068</a>
Yxy	<a href="#">34.0422, 0.3817, 0.5031</a>
Android (android.graphics.Color)	<a href="#">4287604782</a> ( <a href="#">0xFF8FA82E</a> )
YUV	<a href="#">146.6170, -49.6042, -3.1721</a>
Hunter-Lab	<a href="#">58.3457, -23.1018, 32.9213</a>

# Details

The Hex color **8FA82E** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **472EA8**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **C7DF64**, and **597400** is the 20% darker color. If you saturate the color by 10%, you get **8CA81D**, and if you desaturate by 10%, it is **92A83F**.

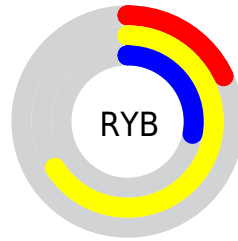
# Distribution



Red (56%)

Green (66%)

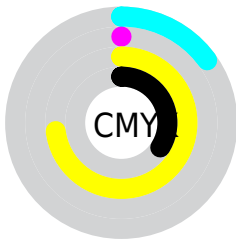
Blue (18%)



Red (18%)

Yellow (66%)

Blue (28%)

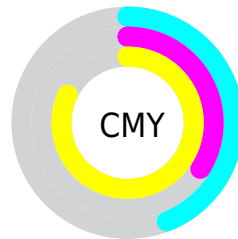


Cyan (15%)

Magenta (0%)

Yellow (73%)

Black (34%)



Cyan (44%)

Magenta (34%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8FA82E 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 8FA82E by changing the saturation by 10% instead.





8FA82E



8FA82E

FFFFFF



748E0C



C7DF64



597400



E5FC7F



3F5B00



FFFF9B



244400



FFFFB6



072D00



FFFFD3



001A00



FFFFF0



000000



8FA82E



8FA82E



8CA81D



92A83F

88A80C

96A850

86A800

99A860

9DA871

A0A882

A4A893

A7A8A4

ABA8B4

AEA8C5

# Harmonies

## Analogous

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



C49724



8FA82E



45B359

# Triad

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



8FA82E



00B3F7



FC6AAB

# Complementary

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



8FA82E



472EA8

# 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.



D67CE0



8FA82E



00A7FF

# Square

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



8FA82E



00B8C9



8B94FF



FF6E74

# Rectangle

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



8FA82E



00B67D



8B94FF



F36EBE



# Sweetspot

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



8FA82E



D1DBAB



A8462E



686E51



EDEDED



6E6E6E



# Same Dimension

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



8FA82E



B4DB1D



53A82E



52544C



769400



101400



# Inverse Universe

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



472EA8



441DDB



832EA8



4D4C54



1E0094



040014



# Previews

## White Background



This preview shows how the Hex color 8FA82E looks on a white background.

## Color Contrast Check

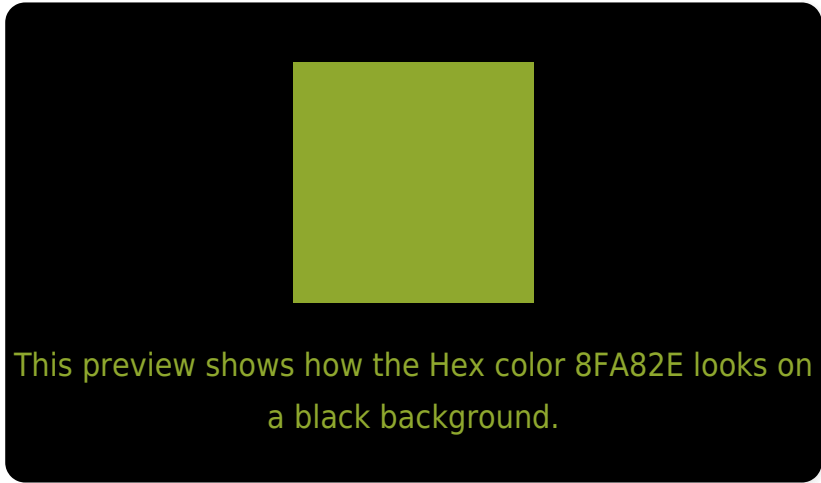
Large Text (above 18pt) WCAG AA × Fail

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 8FA82E Background



This preview shows how black text looks on a background with the Hex color 8FA82E.

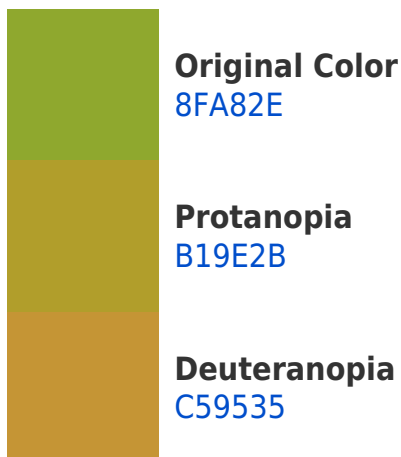


This preview shows how white text looks on a background with the Hex color 8FA82E.

# 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](#).

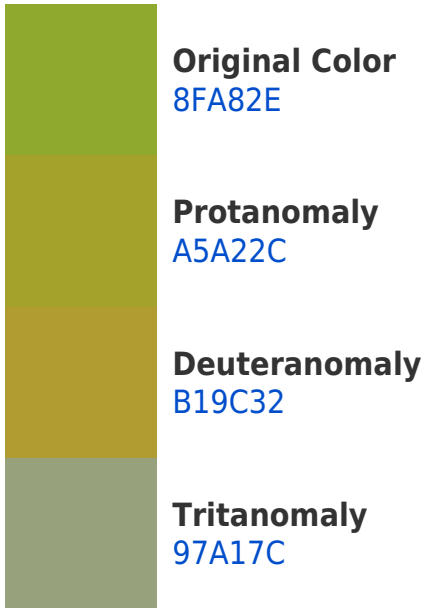
## Dichromacy



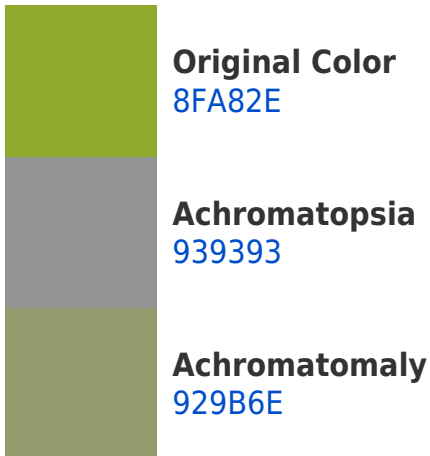


**Tritanopia**  
9C9DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8FA82E 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 #8FA82E looks like.

```
.text, #text, p{  
    color:#8FA82E  
}
```

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 #8FA82E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FA82E
}
```

## Border

The CSS property to change the border of an element to Hex 8FA82E 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
#8FA82E }
```

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

```
.border{ border-color:#8FA82E }
```

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

Here you see how a box with a 4 pixel #8FA82E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FA82E; -webkit-box-shadow:4px 4px  
4px 4px #8FA82E; box-shadow:4px 4px 4px  
4px #8FA82E }
```

# Background

The CSS property to change the background color of an element to Hex 8FA82E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FA82E }
```

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

```
.background{ background-color:#8FA82E }
```

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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