

# Converting Colors

Hex(8FAE11)

Have a look what the booklet for  
Hex(8FAE11) contains.

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**Color**

**Hex(8FAE11)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FAE11
RGB	143, 174, 17
RGB Percent	56%, 68%, 7%
CMY	0.4392, 0.3176, 0.9333
CMYK	0.18, 0.00, 0.90, 0.32
HSL	72°, 82%, 37%
HSV	72°, 90%, 68%
XYZ	26.5649, 36.1522, 6.1083
YIQ	146.8330, 31.9210, -55.3990

# Conversions

## Conversions Part 2

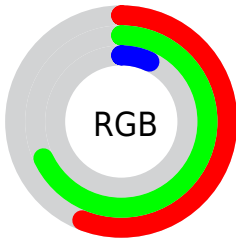
Format	Color
<a href="#">RYB</a>	<a href="#">17, 174, 48</a>
Decimal	<a href="#">9416209</a>
CIELab	<a href="#">66.64, -29.28, 65.91</a>
CIELCh	<a href="#">67, 72.125, 113.952</a>
Yxy	<a href="#">36.1522, 0.3860, 0.5253</a>
Android (android.graphics.Color)	<a href="#">4287606289 (0xFF8FAE11)</a>
YUV	<a href="#">146.8330, -64.0077, -3.3615</a>
Hunter-Lab	<a href="#">60.1267, -26.3577, 36.0654</a>

# Details

The Hex color **8FAE11** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **3011AE**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **C8E653**, and **587A00** is the 20% darker color. If you saturate the color by 10%, you get **8CAE00**, and if you desaturate by 10%, it is **92AE22**.

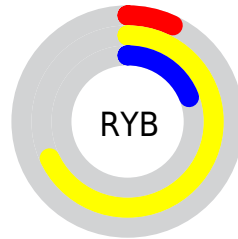
# Distribution



Red (56%)

Green (68%)

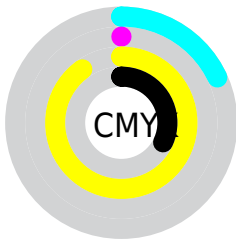
Blue (7%)



Red (7%)

Yellow (68%)

Blue (19%)

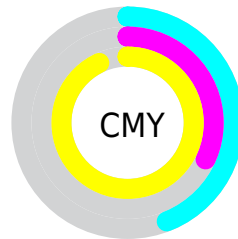


Cyan (18%)

Magenta (0%)

Yellow (90%)

Black (32%)



Cyan (44%)

Magenta (32%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8FAE11 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 8FAE11 by changing the saturation by 10% instead.





8FAE11



8FAE11

FFFFFF



739300



C8E653



587A00



E6FF6E



3D6100



FFFF8A



204900



FFFFA6



003200



FFFFC3



001F00



FFFFE0



000000



FFFFFD



8FAE11



8FAE11

■ 8CAE00

■ 92AE22

■ 96AE34

■ 99AE45

■ 9DAE57

■ A0AE68

■ A4AE79

■ A7AE8B

■ AAAE9C

■ AEAEAE

# Harmonies

## Analogous

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



CC9A00



8FAE11



2EBA51

# Triad

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



8FAE11



00BBFF



FF61B2

# Complementary

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



8FAE11



3011AE

# 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.



E378EF



8FAE11



00AEFF

# Square

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



8FAE11



00C0D5



8797FF



FF6672

# Rectangle

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



8FAE11



00BE7C



8797FF



FF67C8



# Sweetspot

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



8FAE11



D7E3A6



AE2E11



6B734E



F2F2F2



737373



# Same Dimension

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



8FAE11



B6E300



43AE11



55574E



799600



121700



# Inverse Universe

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



3011AE



2D00E3



7C11AE



504E57



1E0096



050017



# Previews

## White Background



This preview shows how the Hex color 8FAE11 looks on a white background.

## Color Contrast Check

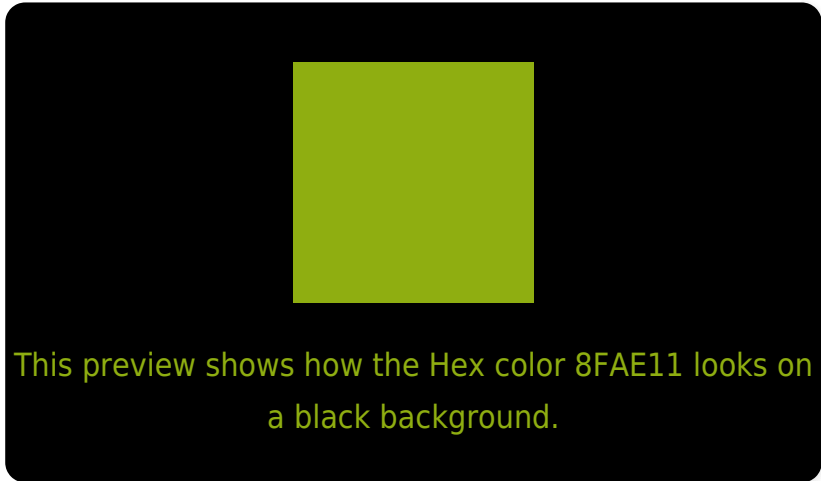
Large Text (above 18pt) WCAG AA × Fail

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 8FAE11 Background



This preview shows how black text looks on a background with the Hex color 8FAE11.



This preview shows how white text looks on a background with the Hex color 8FAE11.

# 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**  
8FAE11

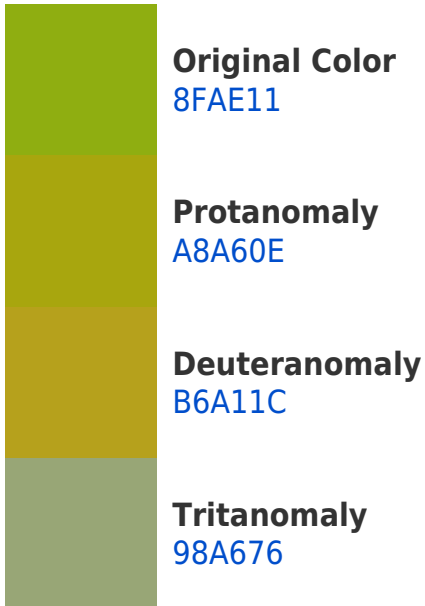
**Protanopia**  
B6A20C

**Deuteranopia**  
CC9922



**Tritanopia**  
9DA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8FAE11 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 #8FAE11 looks like.

```
.text, #text, p{  
    color:#8FAE11  
}
```

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 #8FAE11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FAE11
}
```

## Border

The CSS property to change the border of an element to Hex 8FAE11 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
#8FAE11 }
```

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

```
.border{ border-color:#8FAE11 }
```

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

Here you see how a box with a 4 pixel #8FAE11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FAE11; -webkit-box-shadow:4px 4px  
4px 4px #8FAE11; box-shadow:4px 4px 4px  
4px #8FAE11 }
```

# Background

The CSS property to change the background color of an element to Hex 8FAE11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FAE11 }
```

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

```
.background{ background-color:#8FAE11 }
```

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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