

# Converting Colors

Hex(8EA911)

Have a look what the booklet for  
Hex(8EA911) contains.

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**Color**

**Hex(8EA911)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EA911
RGB	142, 169, 17
RGB Percent	56%, 66%, 7%
CMY	0.4431, 0.3373, 0.9333
CMYK	0.16, 0.00, 0.90, 0.34
HSL	71°, 82%, 36%
HSV	71°, 90%, 66%
XYZ	25.4445, 34.1672, 5.7842
YIQ	143.5990, 32.7000, -52.9960

# Conversions

## Conversions Part 2

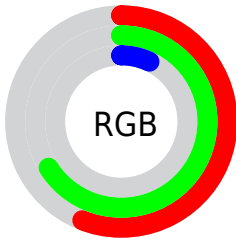
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 169, 44
Decimal	9349393
CIELab	65.10, -27.30, 64.64
CIElCh	65, 70.165, 112.899
Yxy	34.1672, 0.3891, 0.5225
Android (android.graphics.Color)	4287539473 (0xFF8EA911)
YUV	143.5990, -62.4133, -1.4023
Hunter-Lab	58.4527, -24.5912, 35.0499

# Details

The Hex color **8EA911** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2C11A9**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **C7E052**, and **577500** is the 20% darker color. If you saturate the color by 10%, you get **8BA900**, and if you desaturate by 10%, it is **91A922**.

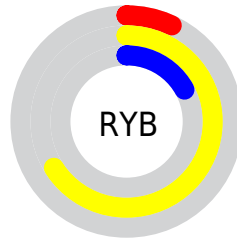
# Distribution



Red (56%)

Green (66%)

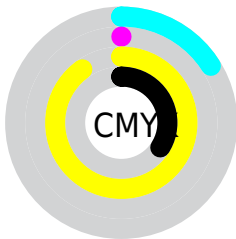
Blue (7%)



Red (7%)

Yellow (66%)

Blue (17%)

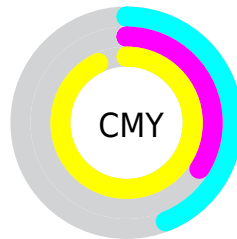


Cyan (16%)

Magenta (0%)

Yellow (90%)

Black (34%)



Cyan (44%)

Magenta (34%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EA911 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 8EA911 by changing the saturation by 10% instead.





8EA911



8EA911

FFFFFF



728F00



C7E052



577500



E5FD6D



3C5C00



FFFF89



204400



FFFFA5



012E00



FFFFC1



001A00



FFFFDE



000000



FFFFFC



8EA911



8EA911

■ 8BA900

■ 91A922

■ 94A933

■ 97A944

■ 9AA955

■ 9DA966

■ A0A976

■ A3A987

■ A6A998

■ A9A9A9

# Harmonies

## Analogous

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



C99600



8EA911



35B54D

# Triad

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



8EA911



00B6FF



FF60B0

# Complementary

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



8EA911



2C11A9

# 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.



DB77EB



8EA911



00AAFF

# Square

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



8EA911



00BBCD



7F94FF



FF6371

# Rectangle

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



8EA911



00B977



7F94FF



FC66C5



# Sweetspot

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



8EA911



D1DBA0



A92A11



676E4B



EDEDED



6E6E6E



# Same Dimension

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



8EA911



B4DB00



44A911



53544C



7A9400



111400



# Inverse Universe

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



2C11A9



2700DB



7611A9



4D4C54



1A0094



040014



# Previews

## White Background



This preview shows how the Hex color 8EA911 looks on a white background.

## Color Contrast Check

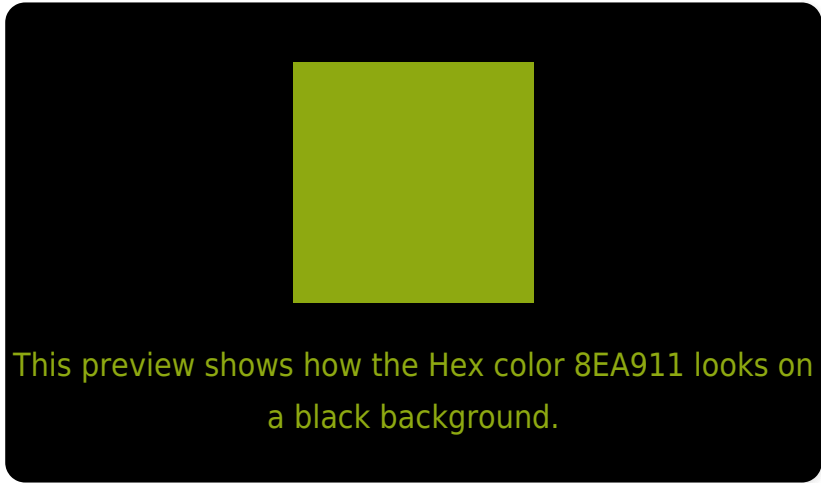
Large Text (above 18pt) WCAG AA × Fail

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 8EA911 Background



This preview shows how black text looks on a background with the Hex color 8EA911.



This preview shows how white text looks on a background with the Hex color 8EA911.

# 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**  
8EA911

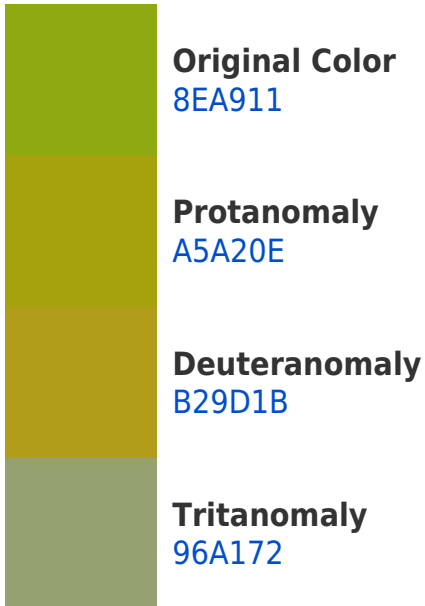
**Protanopia**  
B29E0C

**Deuteranopia**  
C79621



**Tritanopia**  
9B9DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EA911 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 #8EA911 looks like.

```
.text, #text, p{  
    color:#8EA911  
}
```

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 #8EA911 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA911
}
```

## Border

The CSS property to change the border of an element to Hex 8EA911 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
#8EA911 }
```

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

```
.border{ border-color:#8EA911 }
```

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

Here you see how a box with a 4 pixel #8EA911 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA911; -webkit-box-shadow:4px 4px  
4px 4px #8EA911; box-shadow:4px 4px 4px  
4px #8EA911 }
```

# Background

The CSS property to change the background color of an element to Hex 8EA911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA911 }
```

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

```
.background{ background-color:#8EA911 }
```

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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