

Converting Colors

Hex(8EA126)

Have a look what the booklet for
Hex(8EA126) contains.

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Color

Hex(8EA126)

Conversions

Conversions Part 1

Format	Color
Hex	8EA126
RGB	142, 161, 38
RGB Percent	56%, 63%, 15%
CMY	0.4431, 0.3686, 0.8510
CMYK	0.12, 0.00, 0.76, 0.37
HSL	69°, 62%, 39%
HSV	69°, 76%, 63%
XYZ	24.2500, 31.3805, 6.6126
YIQ	141.2970, 28.1590, -42.2810

Conversions

Conversions Part 2

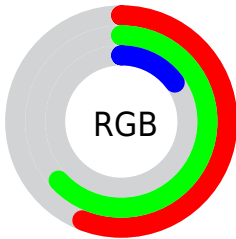
Format	Color
RYB	38, 161, 57
Decimal	9347366
CIELab	62.83, -22.65, 57.30
CIElCh	63, 61.610, 111.570
Yxy	31.3805, 0.3896, 0.5042
Android (android.graphics.Color)	4287537446 (0xFF8EA126)
YUV	141.2970, -50.9254, 0.6165
Hunter-Lab	56.0183, -20.7601, 32.2139

Details

The Hex color **8EA126** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3926A1**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **C7D85D**, and **586E00** is the 20% darker color. If you saturate the color by 10%, you get **8CA116**, and if you desaturate by 10%, it is **90A136**.

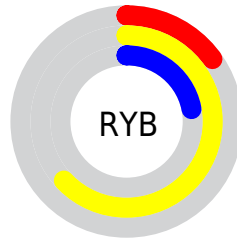
Distribution



Red (56%)

Green (63%)

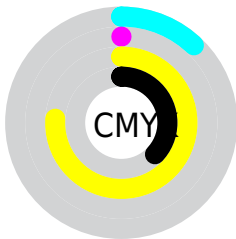
Blue (15%)



Red (15%)

Yellow (63%)

Blue (22%)

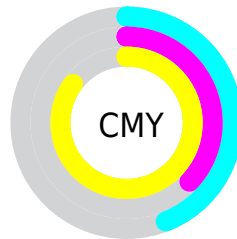


Cyan (12%)

Magenta (0%)

Yellow (76%)

Black (37%)



Cyan (44%)

Magenta (37%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EA126 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 8EA126 by changing the saturation by 10% instead.



8EA126



8EA126

FFFFFF



738700



C7D85D



586E00



E4F478



3E5500



FFFF93



233E00



FFFFAF



072800



FFFFCB



001200



FFFFE8



000000



8EA126



8EA126



8CA116



90A136

■ 89A106

■ 93A146

■ 88A100

■ 95A156

■ 98A166

■ 9AA176

■ 9DA187

■ 9FA197

■ A2A1A7

■ A4A1B7

Harmonies

Analogous

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



C19020



8EA126



48AC50

Triad

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



8EA126



00AEED



F366AA

Complementary

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



8EA126



3926A1

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.



CB78DD



8EA126



00A3FF

Square

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



8EA126



00B2BF



7C90FE



FB6773

Rectangle

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



8EA126



00B073



7C90FE



EA6ABC

Sweetspot

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



8EA126



CAD1A1



A13826



64694B



E8E8E8



696969

Same Dimension

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



8EA126



B3D111



51A126



505249



7B9100



0F1200

Inverse Universe

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



3926A1



2E11D1



7626A1



4B4952



160091



030012

Previews

White Background



This preview shows how the Hex color 8EA126 looks on a white background.

Color Contrast Check

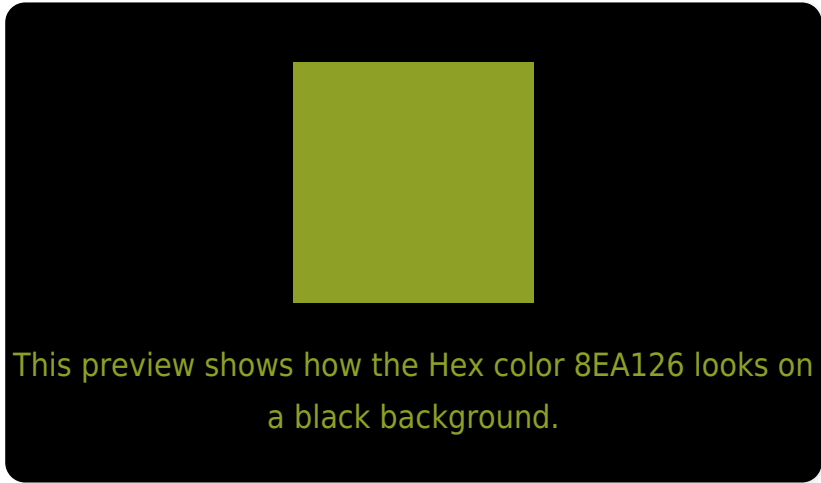
Large Text (above 18pt) WCAG AA × Fail

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 8EA126 Background



This preview shows how black text looks on a background with the Hex color 8EA126.

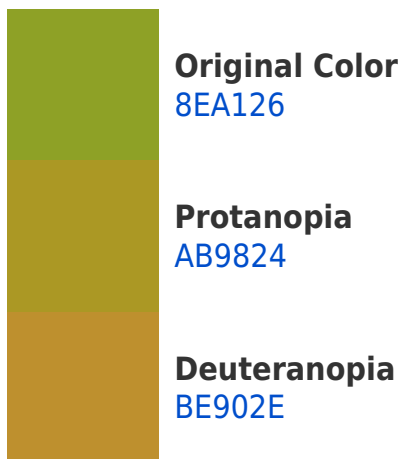


This preview shows how white text looks on a background with the Hex color 8EA126.

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
9A96A2

Trichromacy



Original Color
8EA126

Protanomaly
A09B25

Deuteranomaly
AD962B

Tritanomaly
969A75

Monochromacy



Original Color
8EA126

Achromatopsia
8D8D8D

Achromatomaly
8D9468

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EA126 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 #8EA126 looks like.

```
.text, #text, p{  
    color:#8EA126  
}
```

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 #8EA126 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA126
}
```

Border

The CSS property to change the border of an element to Hex 8EA126 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
#8EA126 }
```

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

```
.border{ border-color:#8EA126 }
```

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

Here you see how a box with a 4 pixel #8EA126 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA126; -webkit-box-shadow:4px 4px  
4px 4px #8EA126; box-shadow:4px 4px 4px  
4px #8EA126 }
```

Background

The CSS property to change the background color of an element to Hex 8EA126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA126 }
```

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

```
.background{ background-color:#8EA126 }
```

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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