

Converting Colors

Hex(8EA142)

Have a look what the booklet for
Hex(8EA142) contains.

Hex(8EA142)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8EA142)

Conversions

Conversions Part 1

Format	Color
Hex	8EA142
RGB	142, 161, 66
RGB Percent	56%, 63%, 26%
CMY	0.4431, 0.3686, 0.7412
CMYK	0.12, 0.00, 0.59, 0.37
HSL	72°, 42%, 45%
HSV	72°, 59%, 63%
XYZ	24.8836, 31.6339, 9.9487
YIQ	144.4890, 19.1710, -33.5730

Conversions

Conversions Part 2

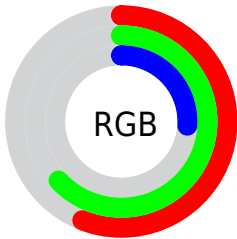
Format	Color
RYB	66, 161, 85
Decimal	9347394
CIELab	63.04, -20.82, 46.19
CIELCh	63, 50.671, 114.267
Yxy	31.6339, 0.3744, 0.4759
Android (android.graphics.Color)	4287537474 (0xFF8EA142)
YUV	144.4890, -38.6951, -2.1829
Hunter-Lab	56.2440, -19.4547, 28.8833

Details

The Hex color **8EA142** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5542A1**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **C6D875**, and **596D0B** is the 20% darker color. If you saturate the color by 10%, you get **8BA132**, and if you desaturate by 10%, it is **91A152**.

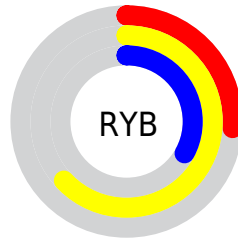
Distribution



Red (56%)

Green (63%)

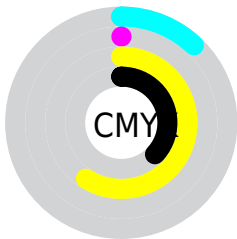
Blue (26%)



Red (26%)

Yellow (63%)

Blue (33%)

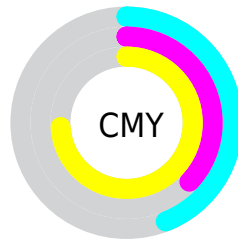


Cyan (12%)

Magenta (0%)

Yellow (59%)

Black (37%)



Cyan (44%)

Magenta (37%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EA142 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 8EA142 by changing the saturation by 10% instead.



8EA142



8EA142

FFFFFF



738728



C6D875



596D0B



E2F490



405500



FFFFAB



273E00



FFFFC7



0D2800



FFFFE4



001300



000000



8EA142



8EA142



8BA132



91A152

■ 88A122

■ 94A162

■ 84A112

■ 98A172

■ 81A102

■ 9BA182

■ 81A100

■ 9EA193

■ A1A1A3

■ A5A1B3

■ A8A1C3

■ ABA1D3

Harmonies

Analogous

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



BA933B



8EA142



56AA62

Triad

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



8EA142



00AAE1



E772A3

Complementary

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



8EA142



5542A1

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.



C87ECE



8EA142



0CA0F2

Square

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



8EA142



00AFBC



8D90EB



EC7476

Rectangle

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



8EA142



06AD7F



8D90EB



DF75B2

Sweetspot

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



8EA142



CAD1AB



A15542



646952



E8E8E8



696969

Same Dimension

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



8EA142



B3D13D



5FA142



505249



749100



0E1200

Inverse Universe

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



5542A1



5A3DD1



8542A1



4B4952



1D0091



040012

Previews

White Background



This preview shows how the Hex color 8EA142 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

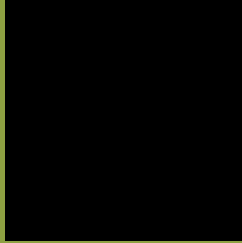
Any Text WCAG AA ✓ Pass

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 8EA142 Background



This preview shows how black text looks on a background with the Hex color 8EA142.

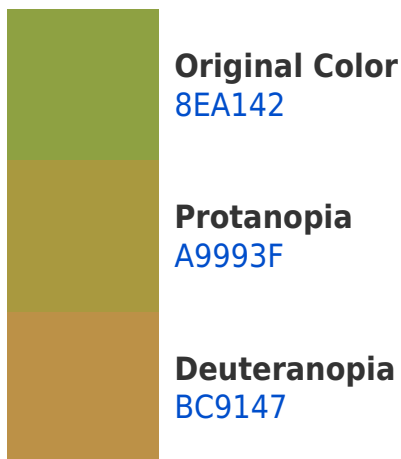


This preview shows how white text looks on a background with the Hex color 8EA142.

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](#).

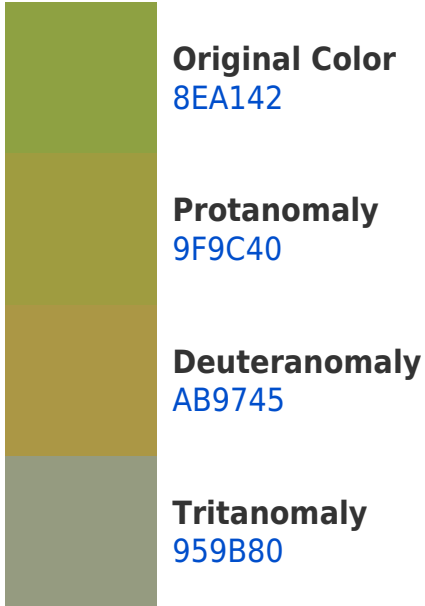
Dichromacy





Tritanopia
9997A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8EA142 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 #8EA142 looks like.

```
.text, #text, p{  
    color:#8EA142  
}
```

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 #8EA142 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA142
}
```

Border

The CSS property to change the border of an element to Hex 8EA142 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
#8EA142 }
```

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

```
.border{ border-color:#8EA142 }
```

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

Here you see how a box with a 4 pixel #8EA142 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA142; -webkit-box-shadow:4px 4px  
4px 4px #8EA142; box-shadow:4px 4px 4px  
4px #8EA142 }
```

Background

The CSS property to change the background color of an element to Hex 8EA142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA142 }
```

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

```
.background{ background-color:#8EA142 }
```

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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