

Converting Colors

Hex(8EA873)

Have a look what the booklet for
Hex(8EA873) contains.

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Color

Hex(8EA873)

Conversions

Conversions Part 1

Format	Color
Hex	8EA873
RGB	142, 168, 115
RGB Percent	56%, 66%, 45%
CMY	0.4431, 0.3412, 0.5490
CMYK	0.15, 0.00, 0.32, 0.34
HSL	89°, 23%, 55%
HSV	89°, 32%, 66%
XYZ	28.2525, 34.9939, 21.4851
YIQ	154.1840, 1.5170, -21.9950

Conversions

Conversions Part 2

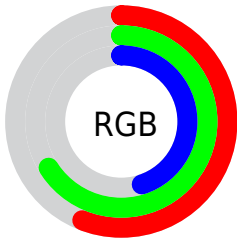
Format	Color
RYB	115, 168, 141
Decimal	9349235
CIELab	65.74, -18.65, 24.50
CIELCh	66, 30.795, 127.285
Yxy	34.9939, 0.3334, 0.4130
Android (android.graphics.Color)	4287539315 (0xFF8EA873)
YUV	154.1840, -19.3177, -10.6854
Hunter-Lab	59.1556, -18.2714, 19.8750

Details

The Hex color **8EA873** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8D73A8**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **C4DFA7**, and **5B7442** is the 20% darker color. If you saturate the color by 10%, you get **86A862**, and if you desaturate by 10%, it is **96A884**.

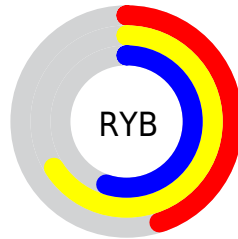
Distribution



Red (56%)

Green (66%)

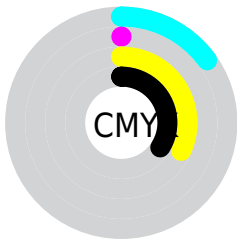
Blue (45%)



Red (45%)

Yellow (66%)

Blue (55%)

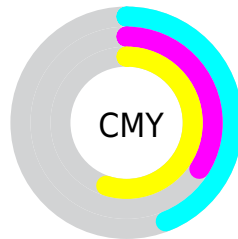


Cyan (15%)

Magenta (0%)

Yellow (32%)

Black (34%)



Cyan (44%)

Magenta (34%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EA873 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 8EA873 by changing the saturation by 10% instead.



8EA873



8EA873

FFFFFF



748E5A



C4DFA7



5B7442



E0FCC3



435B2B



FDFDF



2B4415



FFFFFB



162D00



001A00



000000



8EA873



8EA873



86A862



96A884

 7EA851

 9EA895

 75A841

 A7A8A5

 6DA830

 AFA8B6

 65A81F

 B7A8C7

 5DA80E

 BFA8D8

 56A800

 C8A8E9

 D0A8F9

 D8A8FF

Harmonies

Analogous

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



ACA069



8EA873



6DAD8A

Triad

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



8EA873



5BA8D2



D68B9A

Complementary

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



8EA873



8D73A8

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.



C88EB6



8EA873



85A0D6

Square

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



8EA873



42ADC0



AC96CC



D48E80

Rectangle

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



8EA873



58AF9C



AC96CC



D38BA3

Sweetspot

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



8EA873



D2DBC8



A88D73



686E62



EDEDED



6E6E6E

Same Dimension

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



8EA873



B2DB88



74A873



50544C



4B9400



0A1400

Inverse Universe

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



8D73A8



B188DB



A773A8



504C54



490094



0A0014

Previews

White Background



This preview shows how the Hex color 8EA873 looks on a white background.

Color Contrast Check

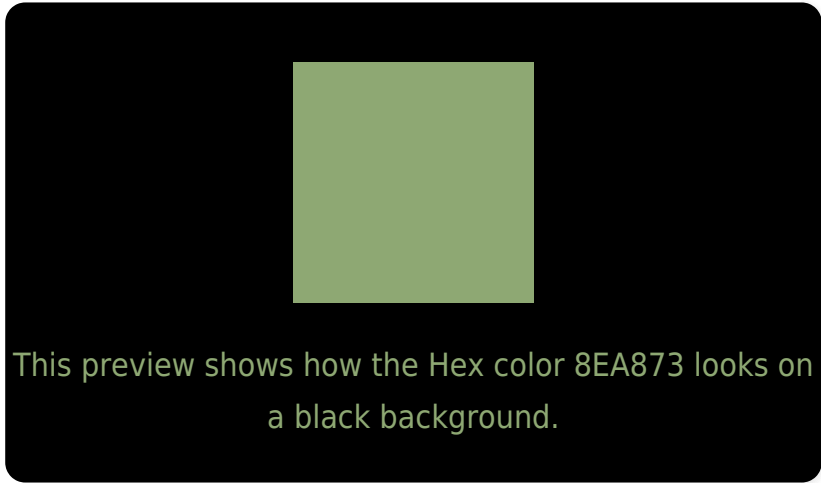
Large Text (above 18pt) WCAG AA × Fail

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

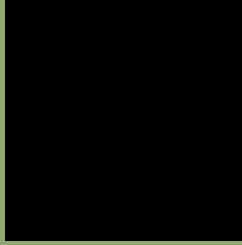
Any Text WCAG AA ✓ Pass

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 8EA873 Background



This preview shows how black text looks on a background with the Hex color 8EA873.



This preview shows how white text looks on a background with the Hex color 8EA873.

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
8EA873

Protanopia
AC9F6F

Deuteranopia
BC9976



Tritanopia
97A1AD

Trichromacy



Original Color
8EA873

Protanomaly
A1A270

Deuteranomaly
AB9E75

Tritanomaly
94A498

Monochromacy



Original Color
8EA873

Achromatopsia
9A9A9A

Achromatomaly
969F8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EA873 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 #8EA873 looks like.

```
.text, #text, p{  
    color:#8EA873  
}
```

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 #8EA873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA873
}
```

Border

The CSS property to change the border of an element to Hex 8EA873 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
#8EA873 }
```

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

```
.border{ border-color:#8EA873 }
```

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

Here you see how a box with a 4 pixel #8EA873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA873; -webkit-box-shadow:4px 4px  
4px 4px #8EA873; box-shadow:4px 4px 4px  
4px #8EA873 }
```

Background

The CSS property to change the background color of an element to Hex 8EA873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA873 }
```

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

```
.background{ background-color:#8EA873 }
```

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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