

# Converting Colors

Hex(8E913A)

Have a look what the booklet for  
Hex(8E913A) contains.

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**Color**

**Hex(8E913A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E913A
RGB	142, 145, 58
RGB Percent	56%, 57%, 23%
CMY	0.4431, 0.4314, 0.7725
CMYK	0.02, 0.00, 0.60, 0.43
HSL	62°, 43%, 40%
HSV	62°, 60%, 57%
XYZ	22.0444, 26.3071, 7.9189
YIQ	134.1850, 26.1390, -27.6930

# Conversions

## Conversions Part 2

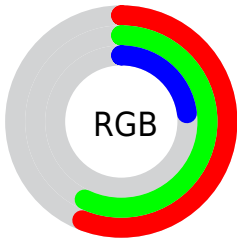
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 145, 61
Decimal	9343290
CIELab	58.33, -13.17, 44.67
CIELCh	58, 46.570, 106.434
Yxy	26.3071, 0.3918, 0.4675
Android (android.graphics.Color)	4287533370 (0xFF8E913A)
YUV	134.1850, -37.5592, 6.8538
Hunter-Lab	51.2904, -13.0395, 26.7493

# Details

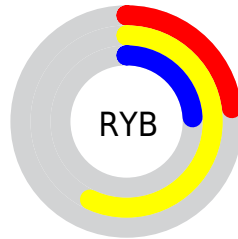
The Hex color **8E913A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3D3A91**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **C6C76D**, and **595F02** is the 20% darker color. If you saturate the color by 10%, you get **8E912C**, and if you desaturate by 10%, it is **8F9148**.

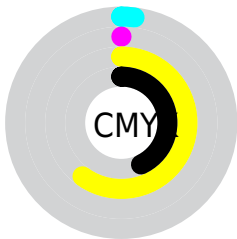
# Distribution



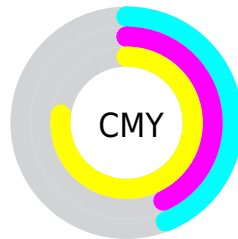
- Red (56%)
- Green (57%)
- Blue (23%)



- Red (23%)
- Yellow (57%)
- Blue (24%)



- Cyan (2%)
- Magenta (0%)
- Yellow (60%)
- Black (43%)



- Cyan (44%)
- Magenta (43%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E913A 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 8E913A by changing the saturation by 10% instead.



 8E913A

 8E913A

FFFFFF

 737721

 C6C76D

 595F02

 E2E387

 404700

 FFFFA2

 273100

 FFFFBE

 0C1C00

 FFFFDA

 000000

 FFFFF7

 8E913A

 8E913A

 8E912C

 8F9148

■ 8D911D

■ 8F9157

■ 8D910E

■ 909166

■ 8C9100

■ 909174

■ 919183

■ 919191

■ 92919F

■ 9291AE

■ 9391BC

# Harmonies

## Analogous

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



B3833B



8E913A



609A52

# Triad

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



8E913A



009EC6



CE6CA1

# Complementary

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



8E913A



3D3A91

# 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.



AC79C5



8E913A



0096DB

# Square

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



8E913A



00A1A2



6F89DA



D96A77

# Rectangle

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



8E913A



349E6A



6F89DA



C56FAE



# Sweetspot

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



8E913A



BCBD9B



913D3A



5E5E4A



DEDEDE



5E5E5E



# Same Dimension

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



8E913A



B8BD35



63913A



474740



828700



070800



# Inverse Universe

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



3D3A91



3A35BD



683A91



414047



050087



000008



# Previews

## White Background



This preview shows how the Hex color 8E913A looks on a white background.

## Color Contrast Check

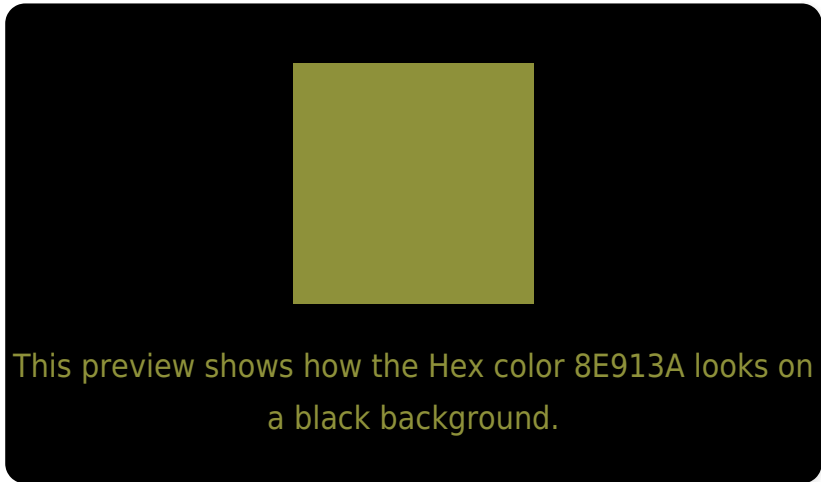
Large Text (above 18pt) WCAG AA ✓ Pass

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

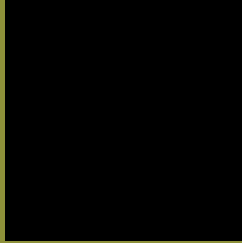
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8E913A Background



This preview shows how black text looks on a background with the Hex color 8E913A.



This preview shows how white text looks on a background with the Hex color 8E913A.

# 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**  
8E913A

**Protanopia**  
9C8C39

**Deuteranopia**  
AE853D



**Tritanopia**  
978893

# Trichromacy



**Original Color**  
8E913A

**Protanomaly**  
978E39

**Deuteranomaly**  
A2893C

**Tritanomaly**  
948B73

# Monochromacy



**Original Color**  
8E913A

**Achromatopsia**  
868686

**Achromatomaly**  
898A6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E913A 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 #8E913A looks like.

```
.text, #text, p{  
    color:#8E913A  
}
```

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 #8E913A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E913A
}
```

## Border

The CSS property to change the border of an element to Hex 8E913A 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
#8E913A }
```

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

```
.border{ border-color:#8E913A }
```

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

Here you see how a box with a 4 pixel #8E913A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E913A; -webkit-box-shadow:4px 4px  
4px 4px #8E913A; box-shadow:4px 4px 4px  
4px #8E913A }
```

# Background

The CSS property to change the background color of an element to Hex 8E913A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E913A }
```

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

```
.background{ background-color:#8E913A }
```

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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