

Converting Colors

Hex(8E8124)

Have a look what the booklet for
Hex(8E8124) contains.

Hex(8E8124)	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(8E8124)

Conversions

Conversions Part 1

Format	Color
Hex	8E8124
RGB	142, 129, 36
RGB Percent	56%, 51%, 14%
CMY	0.4431, 0.4941, 0.8588
CMYK	0.00, 0.09, 0.75, 0.44
HSL	53°, 60%, 35%
HSV	53°, 75%, 56%
XYZ	19.3240, 21.5787, 4.8157
YIQ	122.2850, 37.6010, -26.1670

Conversions

Conversions Part 2

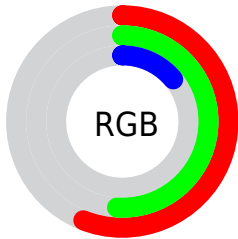
Format	Color
RYB	51, 142, 36
Decimal	9339172
CIELab	53.58, -5.90, 49.23
CIELCh	54, 49.583, 96.828
Yxy	21.5787, 0.4227, 0.4720
Android (android.graphics.Color)	4287529252 (0xFF8E8124)
YUV	122.2850, -42.5385, 17.2901
Hunter-Lab	46.4528, -7.0379, 26.3705

Details

The Hex color **8E8124** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **24318E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **C6B658**, and **585000** is the 20% darker color. If you saturate the color by 10%, you get **8E7F16**, and if you desaturate by 10%, it is **8E8332**.

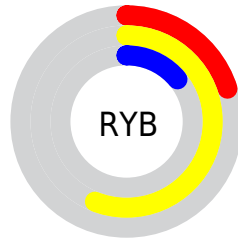
Distribution



Red (56%)

Green (51%)

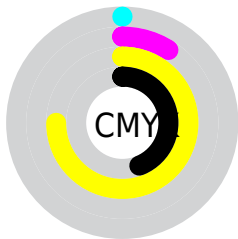
Blue (14%)



Red (20%)

Yellow (56%)

Blue (14%)

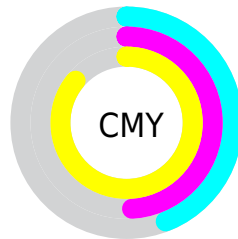


Cyan (0%)

Magenta (9%)

Yellow (75%)

Black (44%)



Cyan (44%)

Magenta (49%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E8124 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 8E8124 by changing the saturation by 10% instead.

 8E8124

 8E8124

FFFFFF

 736804

 C6B658

 585000

 E4D172

 3F3900

 FFED8C

 252400

 FFFFA7

 051000

 FFFFC3

 000000

 FFFFEO

 FFFFFD

 8E8124

 8E8124

■ 8E7F16

■ 8E8332

■ 8E7E08

■ 8E8440

■ 8E7D00

■ 8E864F

■ 8E885D

■ 8E8A6B

■ 8E8B79

■ 8E8D87

■ 8E8F96

■ 8E91A4

Harmonies

Analogous

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



B2722F



8E8124



618C37

Triad

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



8E8124



0093B2



BC60A2

Complementary

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



8E8124



24318E

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.



8F71C5



8E8124



008DCE

Square

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



8E8124



009589



3B82D5



CE5978

Rectangle

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



8E8124



38914F



3B82D5



B065AF

Sweetspot

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



8E8124



B8B38F



8E2432



5C5944



DBDBDB



5C5C5C

Same Dimension

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



8E8124



B8A312



678E24



474740



877700



080700

Inverse Universe

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



24318E



1227B8



4B248E



404147



001187



000108

Previews

White Background



This preview shows how the Hex color 8E8124 looks on a white background.

Color Contrast Check

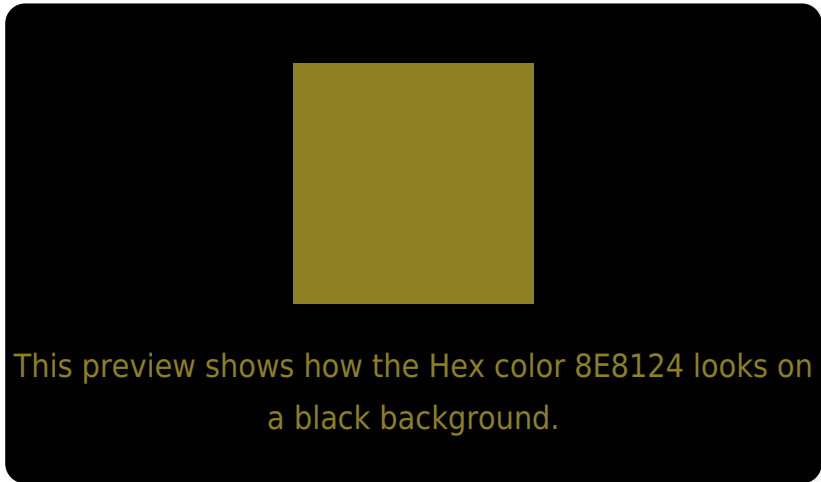
Large Text (above 18pt) WCAG AA ✓ Pass

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 8E8124 Background



This preview shows how black text looks on a background with the Hex color 8E8124.



This preview shows how white text looks on a background with the Hex color 8E8124.

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
8E8124

Protanopia
908024

Deuteranopia
A17A27



Tritanopia
957882

Trichromacy



Original Color
8E8124

Protanomaly
8F8024

Deuteranomaly
9A7D26

Tritanomaly
927B60

Monochromacy



Original Color
8E8124

Achromatopsia
7A7A7A

Achromatomaly
817D5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 8E8124 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 #8E8124 looks like.

```
.text, #text, p{  
    color:#8E8124  
}
```

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 #8E8124 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E8124
}
```

Border

The CSS property to change the border of an element to Hex 8E8124 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
#8E8124 }
```

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

```
.border{ border-color:#8E8124 }
```

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

Here you see how a box with a 4 pixel #8E8124 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E8124; -webkit-box-shadow:4px 4px  
4px 4px #8E8124; box-shadow:4px 4px 4px  
4px #8E8124 }
```

Background

The CSS property to change the background color of an element to Hex 8E8124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E8124 }
```

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

```
.background{ background-color:#8E8124 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor