

# Converting Colors

Hex(8E2410)

Have a look what the booklet for  
Hex(8E2410) contains.

<b>Hex(8E2410)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(8E2410)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E2410
RGB	142, 36, 16
RGB Percent	56%, 14%, 6%
CMY	0.4431, 0.8588, 0.9373
CMYK	0.00, 0.75, 0.89, 0.44
HSL	10°, 80%, 31%
HSV	10°, 89%, 56%
XYZ	11.8797, 7.0499, 1.2249
YIQ	65.4140, 69.5960, 16.2520

# Conversions

## Conversions Part 2

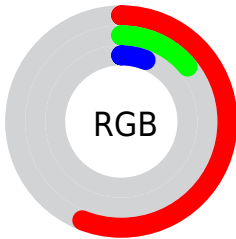
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 40, 16
Decimal	9315344
CIE <sub>Lab</sub>	31.92, 43.44, 37.81
CIE <sub>LCh</sub>	32, 57.588, 41.036
Yxy	7.0499, 0.5894, 0.3498
Android (android.graphics.Color)	4287505424 (0xFF8E2410)
YUV	65.4140, -24.3611, 67.1659
Hunter-Lab	26.5517, 33.3986, 15.8511

# Details

The Hex color **8E2410** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **107A8E**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **CB593D**, and **530000** is the 20% darker color. If you saturate the color by 10%, you get **8E1802**, and if you desaturate by 10%, it is **8E301E**.

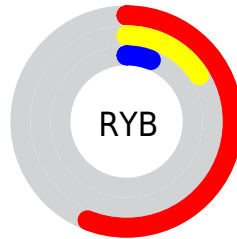
# Distribution



Red (56%)

Green (14%)

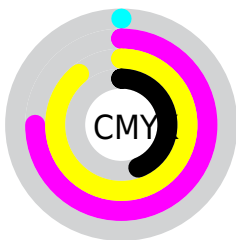
Blue (6%)



Red (56%)

Yellow (16%)

Blue (6%)

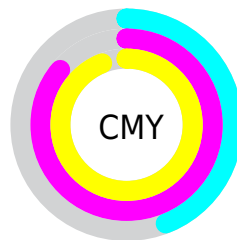


Cyan (0%)

Magenta (75%)

Yellow (89%)

Black (44%)



Cyan (44%)

Magenta (86%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E2410 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 8E2410 by changing the saturation by 10% instead.



 8E2410

 8E2410

 FFFFF6

 710100

 CB593D

 530000

 E97355

 380001

 FF8E6E

 140000

 FFA987

 000000

 FFC5A2

 FFE2BD

 FFFFD9

 8E2410

 8E2410

■ 8E1802

■ 8E301E

■ 8E1700

■ 8E3C2C

■ 8E483B

■ 8E5449

■ 8E6057

■ 8E6C65

■ 8E7873

■ 8E8482

■ 8E9090

# Harmonies

## Analogous

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



98013D



8E2410



743E00

# Triad

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



8E2410



005C2B



004CA5

# Complementary

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



8E2410



107A8E

# 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.



0058A2



8E2410



005E5B

# Square

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



8E2410



125800



005D86



5F3590

# Rectangle

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



8E2410



5B4A00



005D86



0051A7



# Sweetspot

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



8E2410



B88E86



8E107B



5C433E



DBDBDB



5C5C5C



# Same Dimension

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



8E2410



B81D00



8E6210



474140



871500



080100



# Inverse Universe

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



107A8E



009AB8



103C8E



404647



007287



000608



# Previews

## White Background



This preview shows how the Hex color 8E2410 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

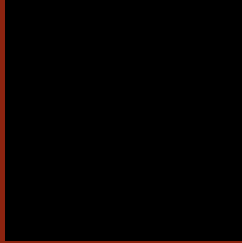
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8E2410 Background



This preview shows how black text looks on a background with the Hex color 8E2410.



This preview shows how white text looks on a background with the Hex color 8E2410.

# 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**  
8E2410

**Protanopia**  
564D1A

**Deuteranopia**  
614900



**Tritanopia**  
8E2223

# Trichromacy



**Original Color**  
8E2410

**Protanomaly**  
6A3E16

**Deuteranomaly**  
713C06

**Tritanomaly**  
8E231C

# Monochromacy



**Original Color**  
8E2410

**Achromatopsia**  
414141

**Achromatomaly**  
5D362F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E2410 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 #8E2410 looks like.

```
.text, #text, p{  
    color:#8E2410  
}
```

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 #8E2410 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E2410
}
```

## Border

The CSS property to change the border of an element to Hex 8E2410 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
#8E2410 }
```

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

```
.border{ border-color:#8E2410 }
```

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

Here you see how a box with a 4 pixel #8E2410 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E2410; -webkit-box-shadow:4px 4px  
4px 4px #8E2410; box-shadow:4px 4px 4px  
4px #8E2410 }
```

# Background

The CSS property to change the background color of an element to Hex 8E2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E2410 }
```

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

```
.background{ background-color:#8E2410 }
```

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