

# Converting Colors

Hex(822E06)

Have a look what the booklet for  
Hex(822E06) contains.

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**Color**

**Hex(822E06)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	822E06
RGB	130, 46, 6
RGB Percent	51%, 18%, 2%
CMY	0.4902, 0.8196, 0.9765
CMYK	0.00, 0.65, 0.95, 0.49
HSL	19°, 91%, 27%
HSV	19°, 95%, 51%
XYZ	10.2158, 6.7130, 0.9296
YIQ	66.5560, 62.9040, 5.3680

# Conversions

## Conversions Part 2

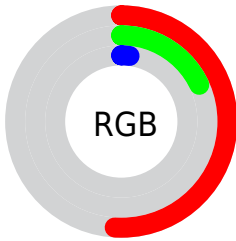
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 65, 6
Decimal	8531462
CIE <sub>Lab</sub>	31.14, 34.52, 40.40
CIE <sub>LCh</sub>	31, 53.140, 49.488
Yxy	6.7130, 0.5720, 0.3759
Android (android.graphics.Color)	4286721542 (0xFF822E06)
YUV	66.5560, -29.8541, 55.6404
Hunter-Lab	25.9094, 25.0392, 16.0093

# Details

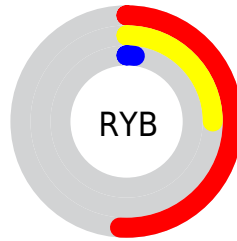
The Hex color **822E06** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **065A82**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **BD6036**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **822A00**, and if you desaturate by 10%, it is **823713**.

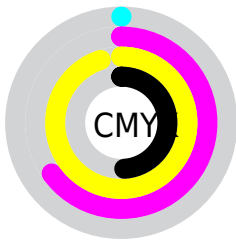
# Distribution



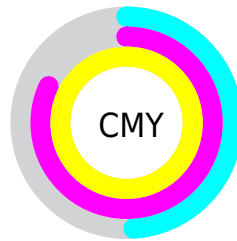
- Red (51%)
- Green (18%)
- Blue (2%)



- Red (51%)
- Yellow (25%)
- Blue (2%)



- Cyan (0%)
- Magenta (65%)
- Yellow (95%)
- Black (49%)



- Cyan (49%)
- Magenta (82%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 822E06 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 822E06 by changing the saturation by 10% instead.



 822E06

 822E06

 FFFFED

 651500

 BD6036

 490000

 DC794D

 300001

 FA9466

 000000

 FFAF80

 FFCE9A

 FFE7B5

 FFFFD1

 822E06

 822E06

■ 822A00

■ 823713

■ 824020

■ 82482D

■ 82513A

■ 825A47

■ 826354

■ 826C61

■ 82746E

■ 827D7B

# Harmonies

## Analogous

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



901530



822E06



664200

# Triad

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



822E06



005A39



174599

# Complementary

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



822E06



065A82

# 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.



00539C



822E06



005B64

# Square

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



822E06



005709



005988



6B2F80

# Rectangle

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



822E06



4F4C00



005988



004A9C



# Sweetspot

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



822E06



A88777



82065B



544037



D4D4D4



545454



# Same Dimension

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



822E06



A83600



826B06



403B39



802900



000000



# Inverse Universe

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



065A82



0072A8



061D82



393E40



005680



000000



# Previews

## White Background



This preview shows how the Hex color 822E06 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

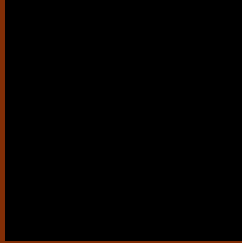
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 822E06 Background



This preview shows how black text looks on a background with the Hex color 822E06.



This preview shows how white text looks on a background with the Hex color 822E06.

# 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**  
822E06

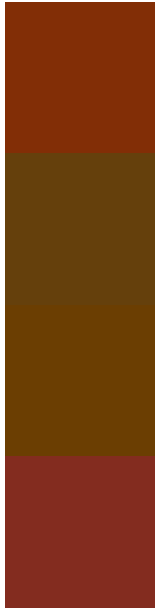
**Protanopia**  
544B0F

**Deuteranopia**  
5E4700



**Tritanopia**  
832B2D

# Trichromacy



**Original Color**  
822E06

**Protanomaly**  
65400C

**Deuteranomaly**  
6B3E02

**Tritanomaly**  
832C1F

# Monochromacy



**Original Color**  
822E06

**Achromatopsia**  
434343

**Achromatomaly**  
5A3B2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 822E06 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 #822E06 looks like.

```
.text, #text, p{  
    color:#822E06  
}
```

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 #822E06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #822E06  
}
```

## Border

The CSS property to change the border of an element to Hex 822E06 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  
#822E06 }
```

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

```
.border{ border-color:#822E06 }
```

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

Here you see how a box with a 4 pixel #822E06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #822E06; -webkit-box-shadow:4px 4px  
4px 4px #822E06; box-shadow:4px 4px 4px  
4px #822E06 }
```

# Background

The CSS property to change the background color of an element to Hex 822E06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#822E06 }
```

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

```
.background{ background-color:#822E06 }
```

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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