

Converting Colors

Hex(875E1B)

Have a look what the booklet for
Hex(875E1B) contains.

Hex(875E1B)	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(875E1B)

Conversions

Conversions Part 1

Format	Color
Hex	875E1B
RGB	135, 94, 27
RGB Percent	53%, 37%, 11%
CMY	0.4706, 0.6314, 0.8941
CMYK	0.00, 0.30, 0.80, 0.47
HSL	37°, 67%, 32%
HSV	37°, 80%, 53%
XYZ	14.1922, 13.2354, 2.8436
YIQ	98.6210, 45.9430, -12.1450

Conversions

Conversions Part 2

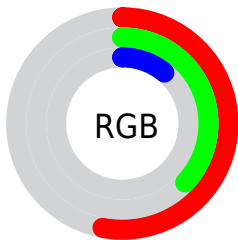
Format	Color
RYB	93, 135, 27
Decimal	8871451
CIELab	43.12, 10.45, 42.59
CIELCh	43, 43.850, 76.211
Yxy	13.2354, 0.4688, 0.4372
Android (android.graphics.Color)	4287061531 (0xFF875E1B)
YUV	98.6210, -35.3092, 31.9044
Hunter-Lab	36.3805, 5.9677, 20.8321

Details

The Hex color **875E1B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1B4487**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **C0904C**, and **513000** is the 20% darker color. If you saturate the color by 10%, you get **87590D**, and if you desaturate by 10%, it is **876329**.

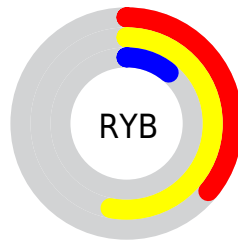
Distribution



Red (53%)

Green (37%)

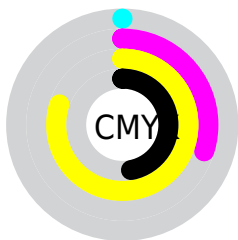
Blue (11%)



Red (36%)

Yellow (53%)

Blue (11%)

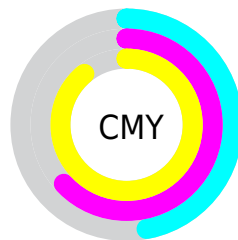


Cyan (0%)

Magenta (30%)

Yellow (80%)

Black (47%)



Cyan (47%)

Magenta (63%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 875E1B 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 875E1B by changing the saturation by 10% instead.



875E1B



875E1B

FFFFFF



6B4600



C0904C



513000



DDAB65



371B00



FBC67F



1F0300



FFE299



000000



FFFFB5



FFFFD1



FFFFED



875E1B



875E1B

■ 87590D

■ 876329

■ 875400

■ 876836

■ 876D44

■ 877251

■ 87785E

■ 877D6C

■ 87827A

■ 878787

■ 878C95

Harmonies

Analogous

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



9F5033



875E1B



666A19

Triad

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



875E1B



007779



815498

Complementary

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



875E1B



1B4487

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.



4763AC



875E1B



007599

Square

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



875E1B



007653



006FAC



9F4778

Rectangle

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



875E1B



4C7027



006FAC



7159A1

Sweetspot

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



875E1B



B0A086



871B44



594F3F



D9D9D9



595959

Same Dimension

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



875E1B



B07007



7A871B



42403C



825100



030200

Inverse Universe

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



1B4487



0747B0



281B87



3C3E42



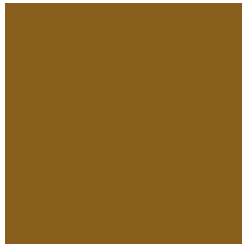
003182



000103

Previews

White Background



This preview shows how the Hex color 875E1B looks on a white background.

Color Contrast Check

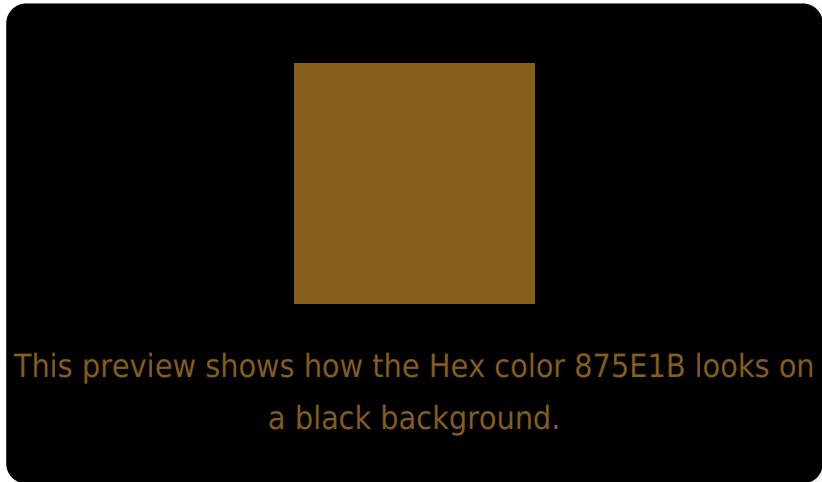
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 875E1B Background



This preview shows how black text looks on a background with the Hex color 875E1B.



This preview shows how white text looks on a background with the Hex color 875E1B.

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
875E1B

Protanopia
73661D

Deuteranopia
81611A



Tritanopia
8B585E

Trichromacy



Original Color
875E1B

Protanomaly
7A631C

Deuteranomaly
83601A

Tritanomaly
8A5A46

Monochromacy



Original Color
875E1B

Achromatopsia
636363

Achromatomaly
706149

CSS Examples

Text

The CSS property to change the color of the text to Hex 875E1B 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 #875E1B looks like.

```
.text, #text, p{  
    color:#875E1B  
}
```

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 #875E1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #875E1B
}
```

Border

The CSS property to change the border of an element to Hex 875E1B 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
#875E1B }
```

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

```
.border{ border-color:#875E1B }
```

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

Here you see how a box with a 4 pixel #875E1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #875E1B; -webkit-box-shadow:4px 4px  
4px 4px #875E1B; box-shadow:4px 4px 4px  
4px #875E1B }
```

Background

The CSS property to change the background color of an element to Hex 875E1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#875E1B }
```

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

```
.background{ background-color:#875E1B }
```

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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