

Converting Colors

Hex(875C12)

Have a look what the booklet for
Hex(875C12) contains.

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Color

Hex(875C12)

Conversions

Conversions Part 1

Format	Color
Hex	875C12
RGB	135, 92, 18
RGB Percent	53%, 36%, 7%
CMY	0.4706, 0.6392, 0.9294
CMYK	0.00, 0.32, 0.87, 0.47
HSL	38°, 76%, 30%
HSV	38°, 87%, 53%
XYZ	13.9280, 12.8489, 2.3183
YIQ	96.4210, 49.3820, -13.8980

Conversions

Conversions Part 2

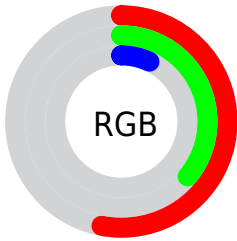
Format	Color
R_{YB}	86, 135, 18
Decimal	8870930
CIE _{Lab}	42.53, 11.30, 45.49
CIE _{LCh}	43, 46.872, 76.049
Yxy	12.8489, 0.4787, 0.4416
Android (android.graphics.Color)	4287061010 (0xFF875C12)
YUV	96.4210, -38.6616, 33.8338
Hunter-Lab	35.8453, 6.6284, 21.2572

Details

The Hex color **875C12** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **123D87**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **C08E45**, and **502E00** is the 20% darker color. If you saturate the color by 10%, you get **875704**, and if you desaturate by 10%, it is **87611F**.

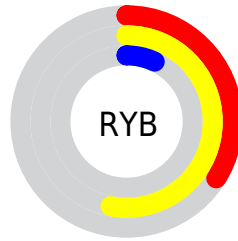
Distribution



Red (53%)

Green (36%)

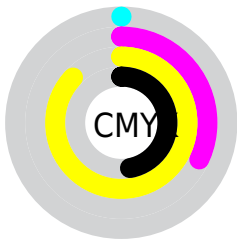
Blue (7%)



Red (34%)

Yellow (53%)

Blue (7%)

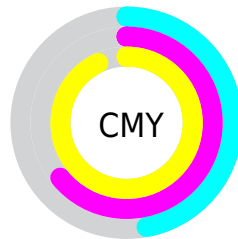


Cyan (0%)

Magenta (32%)

Yellow (87%)

Black (47%)



Cyan (47%)

Magenta (64%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 875C12 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 875C12 by changing the saturation by 10% instead.

 875C12

 875C12

FFFFFF

 6B4500

 C08E45

 502E00

 DEA85E

 361A00

 FCC478

 1E0000

 FFE092

 000000

 FFFCAD

 FFFFC9

 FFFFEE

 875C12

 875C12

■ 875704

■ 87611F

■ 875500

■ 87662D

■ 876B3A

■ 877048

■ 877556

■ 877A63

■ 877F71

■ 87847E

■ 87898B

Harmonies

Analogous

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



A04C2E



875C12



64690F

Triad

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



875C12



007779



81519B

Complementary

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



875C12



123D87

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.



4062AF



875C12



00759B

Square

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



875C12



007650



006EAF



A14278

Rectangle

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



875C12



486F20



006EAF



7057A3

Sweetspot

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



875C12



B09F82



87123F



594F3E



D9D9D9



595959

Same Dimension

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



875C12



B06F00



798712



42403C



825200



030200

Inverse Universe

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



123D87



0041B0



201287



3C3E42



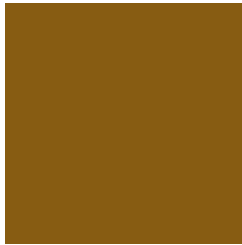
003082



000103

Previews

White Background



This preview shows how the Hex color 875C12 looks on a white background.

Color Contrast Check

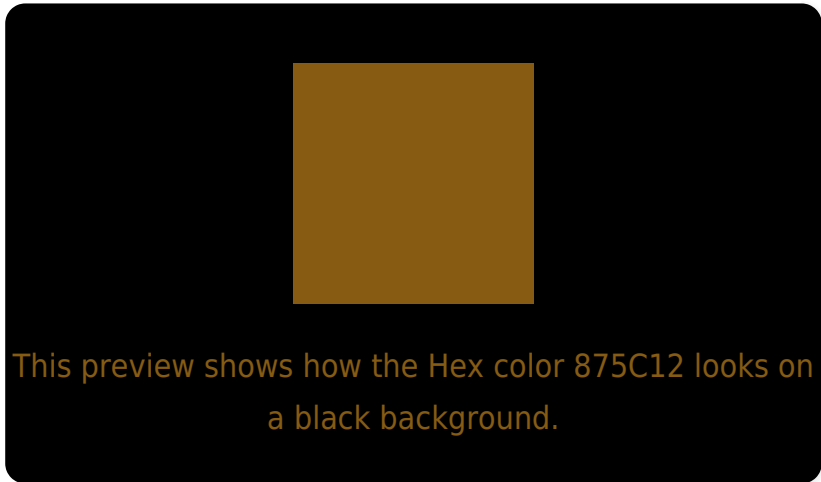
Large Text (above 18pt) WCAG AA ✓ Pass

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 875C12 Background



This preview shows how black text looks on a background with the Hex color 875C12.



This preview shows how white text looks on a background with the Hex color 875C12.

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
875C12

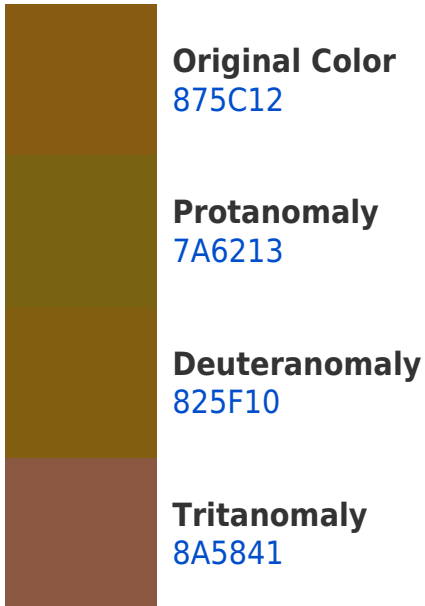
Protanopia
726514

Deuteranopia
7F600F

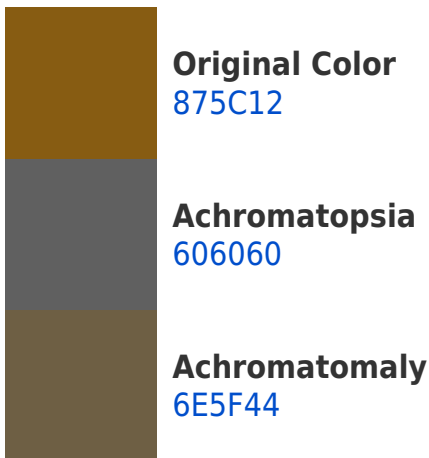


Tritanopia
8B565C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 875C12 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 #875C12 looks like.

```
.text, #text, p{  
    color:#875C12  
}
```

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 #875C12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #875C12
}
```

Border

The CSS property to change the border of an element to Hex 875C12 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
#875C12 }
```

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

```
.border{ border-color:#875C12 }
```

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

Here you see how a box with a 4 pixel #875C12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #875C12; -webkit-box-shadow:4px 4px  
4px 4px #875C12; box-shadow:4px 4px 4px  
4px #875C12 }
```

Background

The CSS property to change the background color of an element to Hex 875C12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#875C12 }
```

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

```
.background{ background-color:#875C12 }
```

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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