

Converting Colors

Hex(825A12)

Have a look what the booklet for
Hex(825A12) contains.

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Color

Hex(825A12)

Conversions

Conversions Part 1

Format	Color
Hex	825A12
RGB	130, 90, 18
RGB Percent	51%, 35%, 7%
CMY	0.4902, 0.6471, 0.9294
CMYK	0.00, 0.31, 0.86, 0.49
HSL	39°, 76%, 29%
HSV	39°, 86%, 51%
XYZ	12.9713, 12.1018, 2.2245
YIQ	93.7520, 46.9520, -13.9120

Conversions

Conversions Part 2

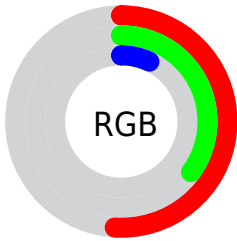
Format	Color
R_{YB}	80, 130, 18
Decimal	8542738
CIE _{Lab}	41.38, 10.11, 44.25
CIE _{LCh}	41, 45.392, 77.133
Yxy	12.1018, 0.4752, 0.4433
Android (android.graphics.Color)	4286732818 (0xFF825A12)
YUV	93.7520, -37.3457, 31.7895
Hunter-Lab	34.7877, 5.6788, 20.5601

Details

The Hex color **825A12** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **123A82**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **BB8C44**, and **4C2D00** is the 20% darker color. If you saturate the color by 10%, you get **825505**, and if you desaturate by 10%, it is **825F1F**.

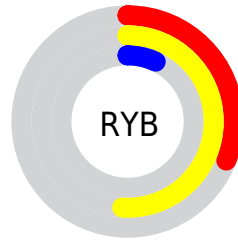
Distribution



Red (51%)

Green (35%)

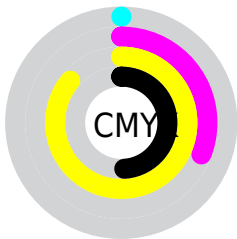
Blue (7%)



Red (31%)

Yellow (51%)

Blue (7%)

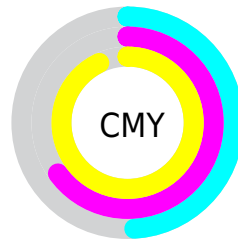


Cyan (0%)

Magenta (31%)

Yellow (86%)

Black (49%)



Cyan (49%)

Magenta (65%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 825A12 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 825A12 by changing the saturation by 10% instead.



825A12



825A12

FFFFFF



674300



BB8C44



4C2D00



D8A65D



321800



F6C177



1A0000



FFDD91



000000



FFFAAD



FFFFC8



FFFFE5



825A12



825A12

■ 825505

■ 825F1F

■ 825400

■ 82632C

■ 826839

■ 826D46

■ 827153

■ 827660

■ 827A6D

■ 827F7A

■ 828487

Harmonies

Analogous

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



9A4B2C



825A12



606611

Triad

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



825A12



007376



7E4E95

Complementary

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



825A12



123A82

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.



425EA9



825A12



007198

Square

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



825A12



007250



006AAA



9D4073

Rectangle

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



825A12



456C21



006AAA



6F549D

Sweetspot

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



825A12



A8997D



82123B



544B3A



D4D4D4



545454

Same Dimension

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



825A12



A86C00



738212



403D39



805200



000000

Inverse Universe

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



123A82



003CA8



211282



393C40



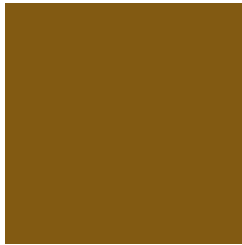
002E80



000000

Previews

White Background



This preview shows how the Hex color 825A12 looks on a white background.

Color Contrast Check

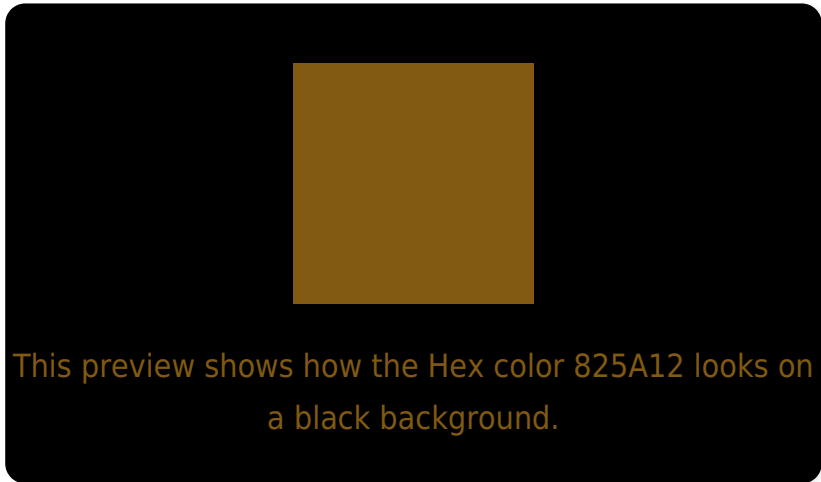
Large Text (above 18pt) WCAG AA ✓ Pass

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 825A12 Background



This preview shows how black text looks on a background with the Hex color 825A12.



This preview shows how white text looks on a background with the Hex color 825A12.

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
825A12

Protanopia
6E6214

Deuteranopia
7C5D10



Tritanopia
86545A

Trichromacy



Original Color
825A12

Protanomaly
755F13

Deuteranomaly
7E5C11

Tritanomaly
855640

Monochromacy



Original Color
825A12

Achromatopsia
5E5E5E

Achromatomaly
6B5D42

CSS Examples

Text

The CSS property to change the color of the text to Hex 825A12 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 #825A12 looks like.

```
.text, #text, p{  
    color:#825A12  
}
```

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 #825A12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #825A12
}
```

Border

The CSS property to change the border of an element to Hex 825A12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

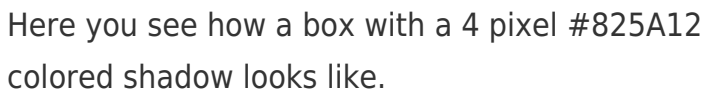
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#825A12 }
```

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

```
.border{ border-color:#825A12 }
```

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



Here you see how a box with a 4 pixel #825A12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #825A12; -webkit-box-shadow:4px 4px  
4px 4px #825A12; box-shadow:4px 4px 4px  
4px #825A12 }
```

Background

The CSS property to change the background color of an element to Hex 825A12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#825A12 }
```

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

```
.background{ background-color:#825A12 }
```

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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