

Converting Colors

Hex(825A28)

Have a look what the booklet for
Hex(825A28) contains.

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Color

Hex(825A28)

Conversions

Conversions Part 1

Format	Color
Hex	825A28
RGB	130, 90, 40
RGB Percent	51%, 35%, 16%
CMY	0.4902, 0.6471, 0.8431
CMYK	0.00, 0.31, 0.69, 0.49
HSL	33°, 53%, 33%
HSV	33°, 69%, 51%
XYZ	13.2451, 12.2114, 3.6664
YIQ	96.2600, 39.8900, -7.0700

Conversions

Conversions Part 2

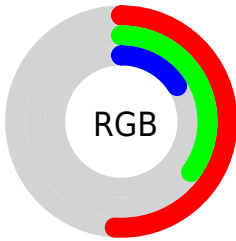
Format	Color
R_{YB}	112, 130, 40
Decimal	8542760
CIE _{Lab}	41.55, 11.16, 34.64
CIE _{LCh}	42, 36.395, 72.138
Yxy	12.2114, 0.4548, 0.4193
Android (android.graphics.Color)	4286732840 (0xFF825A28)
YUV	96.2600, -27.7362, 29.5900
Hunter-Lab	34.9448, 6.5034, 18.2406

Details

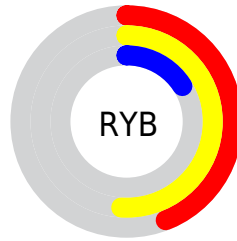
The Hex color **825A28** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **285082**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **BA8C57**, and **4D2C00** is the 20% darker color. If you saturate the color by 10%, you get **82541B**, and if you desaturate by 10%, it is **826035**.

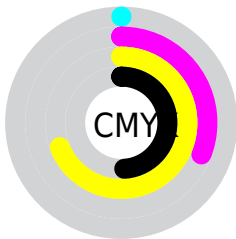
Distribution



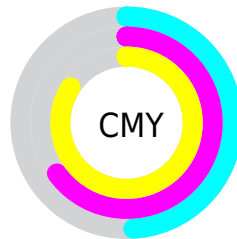
- Red (51%)
- Green (35%)
- Blue (16%)



- Red (44%)
- Yellow (51%)
- Blue (16%)



- Cyan (0%)
- Magenta (31%)
- Yellow (69%)
- Black (49%)



- Cyan (49%)
- Magenta (65%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 825A28 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 825A28 by changing the saturation by 10% instead.

 825A28

 825A28

FFFFFF

 674311

 BA8C57

 4D2C00

 D7A670

 331800

 F4C28A

 1C0000

 FFDDA5

 000000

 FFFAC0

 FFFFDC

 FFFFF9

 825A28

 825A28

■ 82541B

■ 826035

■ 824E0E

■ 826642

■ 824901

■ 826B4F

■ 824800

■ 82715C

■ 827769

■ 827D76

■ 828283

■ 828890

■ 828E9D

Harmonies

Analogous

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



944F3B



825A28



686424

Triad

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



825A28



00716E



74558F

Complementary

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



825A28



285082

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.



44619C



825A28



006F89

Square

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



825A28



11704F



006A9B



904B75

Rectangle

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



825A28



526A2D



006A9B



675995

Sweetspot

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



825A28



A89985



822850



544B3F



D4D4D4



545454

Same Dimension

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



825A28



A86A1D



7E8228



403D39



804700



000000

Inverse Universe

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



285082



1D5BA8



2D2882



393C40



003980



000000

Previews

White Background



This preview shows how the Hex color 825A28 looks on a white background.

Color Contrast Check

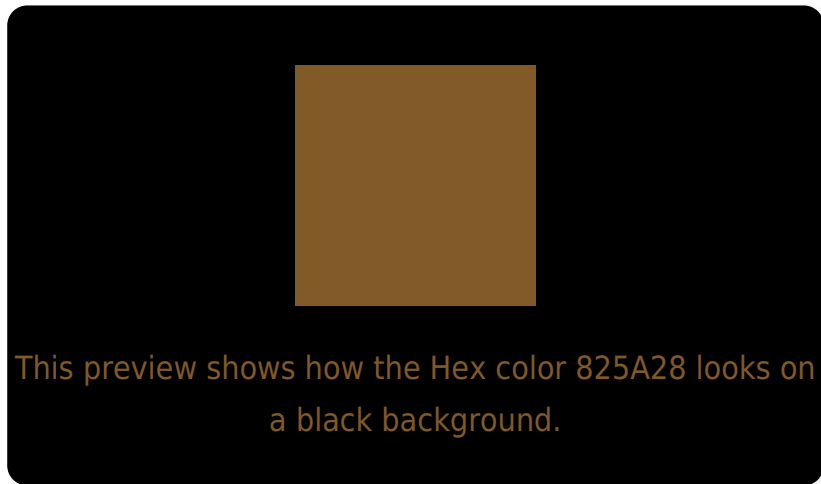
Large Text (above 18pt) WCAG AA ✓ Pass

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

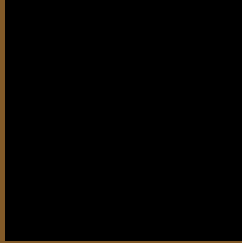
Any Text WCAG AA × Fail

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 825A28 Background



This preview shows how black text looks on a background with the Hex color 825A28.



This preview shows how white text looks on a background with the Hex color 825A28.

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
825A28

Protanopia
6D632B

Deuteranopia
7A5E27



Tritanopia
85555B

Trichromacy



Original Color
825A28

Protanomaly
75602A

Deuteranomaly
7D5D27

Tritanomaly
845748

Monochromacy



Original Color
825A28

Achromatopsia
606060

Achromatomaly
6C5E4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 825A28 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 #825A28 looks like.

```
.text, #text, p{  
    color:#825A28  
}
```

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 #825A28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #825A28
}
```

Border

The CSS property to change the border of an element to Hex 825A28 is called "border". The border property can be set on classes, ids or directly on the HTML element.

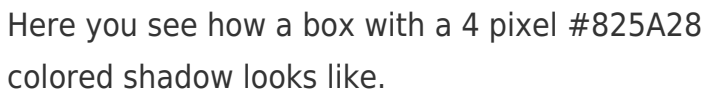
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#825A28 }
```

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

```
.border{ border-color:#825A28 }
```

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



Here you see how a box with a 4 pixel #825A28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #825A28; -webkit-box-shadow:4px 4px  
4px 4px #825A28; box-shadow:4px 4px 4px  
4px #825A28 }
```

Background

The CSS property to change the background color of an element to Hex 825A28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#825A28 }
```

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

```
.background{ background-color:#825A28 }
```

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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