

Converting Colors

Hex(825100)

Have a look what the booklet for
Hex(825100) contains.

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Color

Hex(825100)

Conversions

Conversions Part 1

Format	Color
Hex	825100
RGB	130, 81, 0
RGB Percent	51%, 32%, 0%
CMY	0.4902, 0.6824, 1.0000
CMYK	0.00, 0.38, 1.00, 0.49
HSL	37°, 100%, 25%
HSV	37°, 100%, 51%
XYZ	12.1484, 10.6307, 1.4116
YIQ	86.4170, 55.2050, -14.8030

Conversions

Conversions Part 2

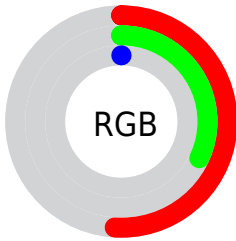
Format	Color
RYB	79, 130, 0
Decimal	8540416
CIELab	38.95, 15.00, 47.76
CIELCh	39, 50.061, 72.561
Yxy	10.6307, 0.5022, 0.4395
Android (android.graphics.Color)	4286730496 (0xFF825100)
YUV	86.4170, -42.6036, 38.2223
Hunter-Lab	32.6047, 9.4499, 20.2563

Details

The Hex color **825100** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **003182**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **BC8238**, and **4B2400** is the 20% darker color. If you saturate the color by 10%, you get **825100**, and if you desaturate by 10%, it is **82560D**.

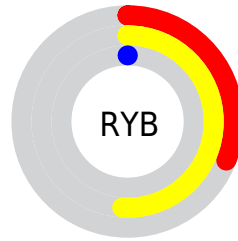
Distribution



Red (51%)

Green (32%)

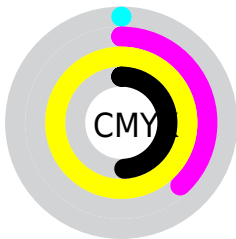
Blue (0%)



Red (31%)

Yellow (51%)

Blue (0%)

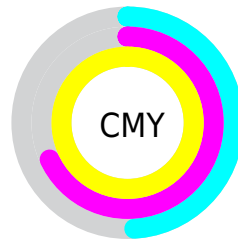


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 825100 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 825100 by changing the saturation by 10% instead.

 825100

 825100

 FFFFF4

 663A00

 BC8238

 4B2400

 D99C51

 301000

 F7B76A

 160000

 FFD384

 000000

 FFEF9F

 FFFFBB

 FFFF7D

 825100

 82560D

 825B1A

 826027

 826534

 826A41

 826E4E

 82735B

 827868

 827D75

Harmonies

Analogous

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



9B3F26



825100



5F5F00

Triad

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



825100



006E6C



734998

Complementary

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



825100



003182

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.



1A5BAC



825100



006D92

Square

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



825100



006D42



0067A9



983675

Rectangle

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



825100



42660A



0067A9



5F4FA1

Sweetspot

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



825100



A89576



820032



544936



D4D4D4



545454

Same Dimension

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



825100



A86900



738200



403D39



804F00



000000

Inverse Universe

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



003182



003FA8



0F0082



393C40



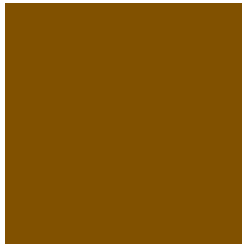
003080



000000

Previews

White Background



This preview shows how the Hex color 825100 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 825100 Background



This preview shows how black text looks on a background with the Hex color 825100.



This preview shows how white text looks on a background with the Hex color 825100.

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
825100

Protanopia
685D09

Deuteranopia
755800



Tritanopia
854B51

Trichromacy



Original Color
825100

Protanomaly
715906

Deuteranomaly
7A5500

Tritanomaly
844D34

Monochromacy



Original Color
825100

Achromatopsia
565656

Achromatomaly
665437

CSS Examples

Text

The CSS property to change the color of the text to Hex 825100 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 #825100 looks like.

```
.text, #text, p{  
    color:#825100  
}
```

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 #825100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #825100
}
```

Border

The CSS property to change the border of an element to Hex 825100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

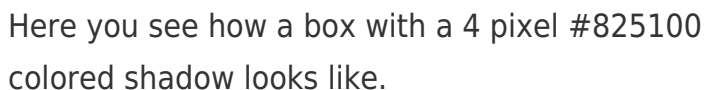
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#825100 }
```

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

```
.border{ border-color:#825100 }
```

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



Here you see how a box with a 4 pixel #825100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #825100; -webkit-box-shadow:4px 4px  
4px 4px #825100; box-shadow:4px 4px 4px  
4px #825100 }
```

Background

The CSS property to change the background color of an element to Hex 825100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#825100 }
```

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

```
.background{ background-color:#825100 }
```

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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