

Converting Colors

Hex(835228)

Have a look what the booklet for
Hex(835228) contains.

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Color

Hex(835228)

Conversions

Conversions Part 1

Format	Color
Hex	835228
RGB	131, 82, 40
RGB Percent	51%, 32%, 16%
CMY	0.4863, 0.6784, 0.8431
CMYK	0.00, 0.37, 0.69, 0.49
HSL	28°, 53%, 34%
HSV	28°, 69%, 51%
XYZ	12.7604, 11.0131, 3.4607
YIQ	91.8630, 42.6860, -2.6740

Conversions

Conversions Part 2

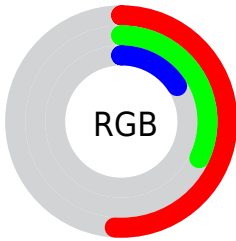
Format	Color
RYB	131, 118, 40
Decimal	8606248
CIELab	39.60, 16.36, 32.51
CIElCh	40, 36.396, 63.295
Yxy	11.0131, 0.4685, 0.4044
Android (android.graphics.Color)	4286796328 (0xFF835228)
YUV	91.8630, -25.5685, 34.3231
Hunter-Lab	33.1860, 10.5598, 17.0473

Details

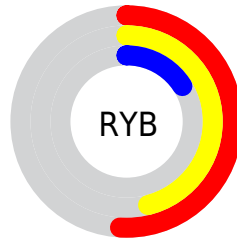
The Hex color **835228** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **285983**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **BB8457**, and **4E2500** is the 20% darker color. If you saturate the color by 10%, you get **834B1B**, and if you desaturate by 10%, it is **835935**.

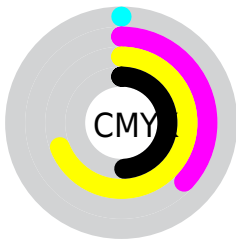
Distribution



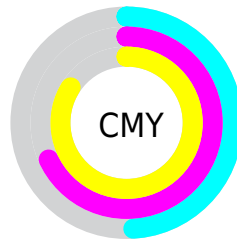
- Red (51%)
- Green (32%)
- Blue (16%)



- Red (51%)
- Yellow (46%)
- Blue (16%)



- Cyan (0%)
- Magenta (37%)
- Yellow (69%)
- Black (49%)



- Cyan (49%)
- Magenta (68%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 835228 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 835228 by changing the saturation by 10% instead.

 835228

 835228

FFFFFF

 683B11

 BB8457

 4E2500

 D89E70

 331000

 F6B98A

 1C0001

 FFD4A4

 000000

 FFF1BF

 FFFFDB

 FFFFF8

 835228

 835228

■ 834B1B

■ 835935

■ 83440E

■ 836042

■ 833D01

■ 83674F

■ 833C00

■ 836E5C

■ 83756A

■ 837C77

■ 838384

■ 838A91

■ 83919E

Harmonies

Analogous

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



92473E



835228



6B5D1F

Triad

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



835228



006C60



63548F

Complementary

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



835228



285983

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.



295F98



835228



006B7D

Square

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



835228



226A41



006792



844978

Rectangle

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



835228



576324



006792



545894

Sweetspot

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



835228



AB9887



83285A



574B41



D6D6D6



575757

Same Dimension

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



835228



AB5E1D



837E28



423F3C



823C00



030100

Inverse Universe

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



285983



1D69AB



282D83



3C3F42



004682



000103

Previews

White Background



This preview shows how the Hex color 835228 looks on a white background.

Color Contrast Check

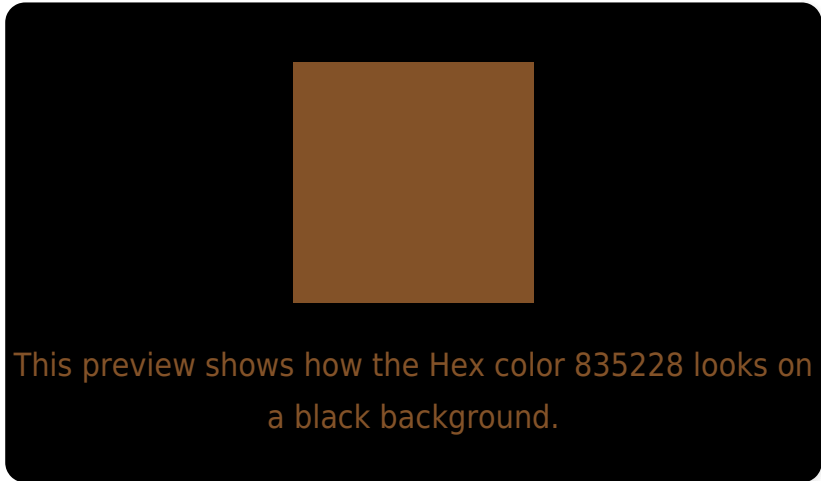
Large Text (above 18pt) WCAG AA ✓ Pass

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

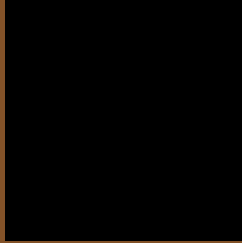
Any Text WCAG AA × Fail

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 835228 Background



This preview shows how black text looks on a background with the Hex color 835228.



This preview shows how white text looks on a background with the Hex color 835228.

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
835228

Protanopia
685E2C

Deuteranopia
755926



Tritanopia
864D53

Trichromacy



Original Color
835228

Protanomaly
725A2B

Deuteranomaly
7A5627

Tritanomaly
854F43

Monochromacy



Original Color
835228

Achromatopsia
5C5C5C

Achromatomaly
6A5849

CSS Examples

Text

The CSS property to change the color of the text to Hex 835228 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 #835228 looks like.

```
.text, #text, p{  
    color:#835228  
}
```

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 #835228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #835228
}
```

Border

The CSS property to change the border of an element to Hex 835228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

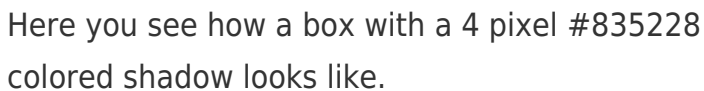
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#835228 }
```

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

```
.border{ border-color:#835228 }
```

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



Here you see how a box with a 4 pixel #835228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #835228; -webkit-box-shadow:4px 4px  
4px 4px #835228; box-shadow:4px 4px 4px  
4px #835228 }
```

Background

The CSS property to change the background color of an element to Hex 835228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#835228 }
```

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

```
.background{ background-color:#835228 }
```

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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