

Converting Colors

Hex(823B10)

Have a look what the booklet for
Hex(823B10) contains.

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Color

Hex(823B10)

Conversions

Conversions Part 1

Format	Color
Hex	823B10
RGB	130, 59, 16
RGB Percent	51%, 23%, 6%
CMY	0.4902, 0.7686, 0.9373
CMYK	0.00, 0.55, 0.88, 0.49
HSL	23°, 78%, 29%
HSV	23°, 88%, 51%
XYZ	10.8634, 7.9112, 1.4447
YIQ	75.3270, 56.1190, 1.6790

Conversions

Conversions Part 2

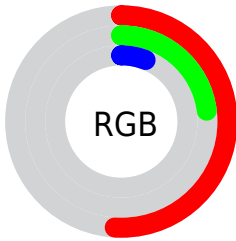
Format	Color
RYB	130, 85, 16
Decimal	8534800
CIELab	33.80, 28.01, 38.51
CIElCh	34, 47.617, 53.973
Yxy	7.9112, 0.5373, 0.3913
Android (android.graphics.Color)	4286724880 (0xFF823B10)
YUV	75.3270, -29.2482, 47.9482
Hunter-Lab	28.1268, 19.7202, 16.6435

Details

The Hex color **823B10** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **105782**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **BC6C3F**, and **4A0C00** is the 20% darker color. If you saturate the color by 10%, you get **823303**, and if you desaturate by 10%, it is **82431D**.

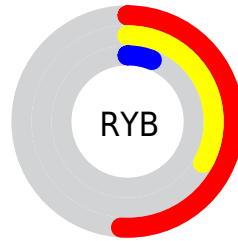
Distribution



Red (51%)

Green (23%)

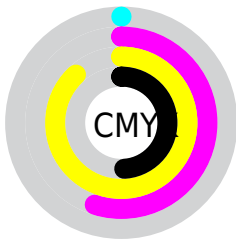
Blue (6%)



Red (51%)

Yellow (33%)

Blue (6%)

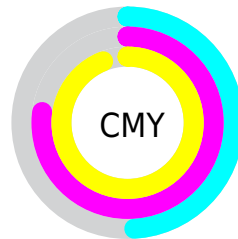


Cyan (0%)

Magenta (55%)

Yellow (88%)

Black (49%)



Cyan (49%)

Magenta (77%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 823B10 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 823B10 by changing the saturation by 10% instead.

 823B10

 823B10

 FFFFF9

 662400

 BC6C3F

 4A0C00

 DA8657

 300000

 F8A070

 030000

 FFBB8A

 000000

 FFD7A4

 FFF4C0

 FFFFDC

 823B10

 823B10

■ 823303

■ 82431D

■ 823100

■ 824B2A

■ 825337

■ 825B44

■ 826351

■ 826C5E

■ 82746B

■ 827C78

■ 828485

Harmonies

Analogous

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



912A33



823B10



674B00

Triad

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



823B10



006046



3D4995

Complementary

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



823B10



105782

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.



00569B



823B10



00606D

Square

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



823B10



005D1F



005E8C



75367C

Rectangle

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



823B10



505300



005E8C



144E99

Sweetspot

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



823B10



A88D7D



821058



54443A



D4D4D4



545454

Same Dimension

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



823B10



A83F00



827310



403C39



803000



000000

Inverse Universe

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



105782



0069A8



101F82



393D40



004F80



000000

Previews

White Background



This preview shows how the Hex color 823B10 looks on a white background.

Color Contrast Check

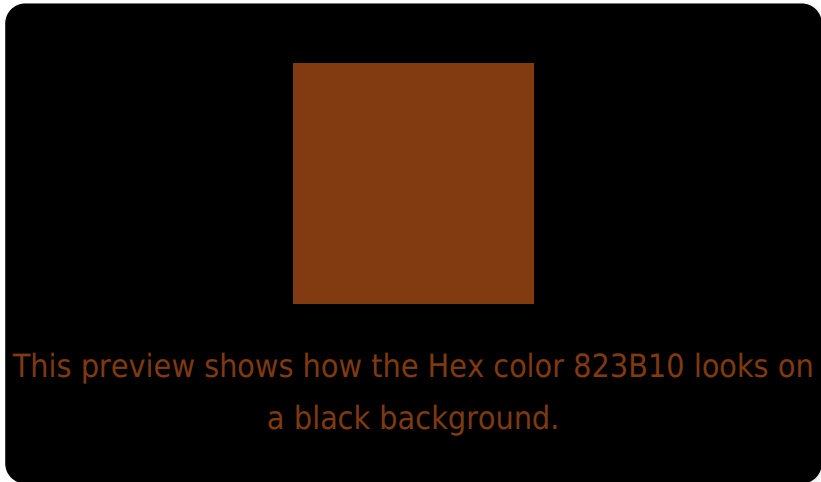
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

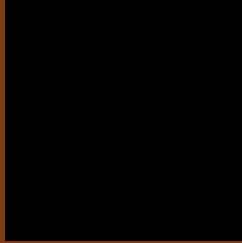
Any Text WCAG AA × Fail

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 823B10 Background



This preview shows how black text looks on a background with the Hex color 823B10.



This preview shows how white text looks on a background with the Hex color 823B10.

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
823B10

Protanopia
5A5115

Deuteranopia
664C00



Tritanopia
84373B

Trichromacy



Original Color
823B10

Protanomaly
694913

Deuteranomaly
704606

Tritanomaly
83382B

Monochromacy



Original Color
823B10

Achromatopsia
4B4B4B

Achromatomaly
5F4536

CSS Examples

Text

The CSS property to change the color of the text to Hex 823B10 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 #823B10 looks like.

```
.text, #text, p{  
    color:#823B10  
}
```

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 #823B10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #823B10
}
```

Border

The CSS property to change the border of an element to Hex 823B10 is called "border". The border property can be set on classes, ids or directly on the HTML element.

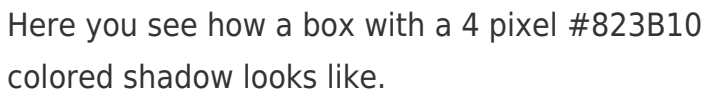
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#823B10 }
```

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

```
.border{ border-color:#823B10 }
```

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



Here you see how a box with a 4 pixel #823B10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #823B10; -webkit-box-shadow:4px 4px  
4px 4px #823B10; box-shadow:4px 4px 4px  
4px #823B10 }
```

Background

The CSS property to change the background color of an element to Hex 823B10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#823B10 }
```

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

```
.background{ background-color:#823B10 }
```

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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