

Converting Colors

Hex(82300A)

Have a look what the booklet for
Hex(82300A) contains.

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Color

Hex(82300A)

Conversions

Conversions Part 1

Format	Color
Hex	82300A
RGB	130, 48, 10
RGB Percent	51%, 19%, 4%
CMY	0.4902, 0.8118, 0.9608
CMYK	0.00, 0.63, 0.92, 0.49
HSL	19°, 86%, 27%
HSV	19°, 92%, 51%
XYZ	10.3177, 6.8816, 1.0716
YIQ	68.1860, 61.0700, 5.5660

Conversions

Conversions Part 2

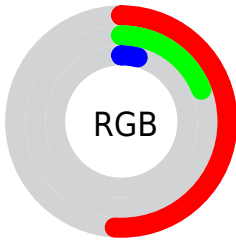
Format	Color
R_{YB}	130, 66, 10
Decimal	8531978
CIE Lab	31.54, 33.62, 39.10
CIE LCh	32, 51.565, 49.308
Yxy	6.8816, 0.5647, 0.3766
Android (android.graphics.Color)	4286722058 (0xFF82300A)
YUV	68.1860, -28.6857, 54.2109
Hunter-Lab	26.2329, 24.2983, 15.9409

Details

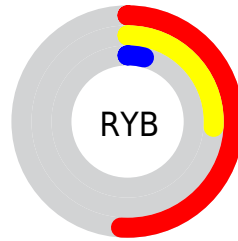
The Hex color **82300A** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0A5C82**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **BD6139**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **822900**, and if you desaturate by 10%, it is **823917**.

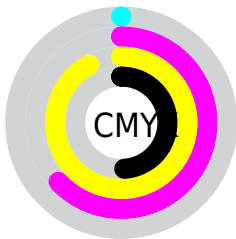
Distribution



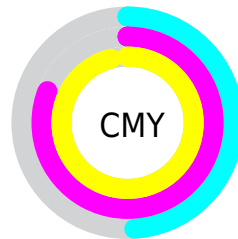
- Red (51%)
- Green (19%)
- Blue (4%)



- Red (51%)
- Yellow (26%)
- Blue (4%)



- Cyan (0%)
- Magenta (63%)
- Yellow (92%)
- Black (49%)



- Cyan (49%)
- Magenta (81%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82300A 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 82300A by changing the saturation by 10% instead.

 82300A

 82300A

 FFFFFF1

 661700

 BD6139

 490000

 DB7B51

 300001

 FA956A

 000000

 FFB183

 FFCC9E

 FFE9B9

 FFFFFD5

 82300A

 82300A

■ 822900

■ 823917

■ 824224

■ 824B31

■ 82543E

■ 825C4B

■ 826558

■ 826E65

■ 827772

■ 82807F

Harmonies

Analogous

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



901A32



82300A



674300

Triad

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



82300A



005B3A



1D4697

Complementary

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



82300A



0A5C82

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.



00539A



82300A



005C64

Square

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



82300A



00570D



005A87



6B3180

Rectangle

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



82300A



504D00



005A87



004B9B

Sweetspot

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



82300A



A88879



820A5C



544138



D4D4D4



545454

Same Dimension

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



82300A



A83500



826C0A



403B39



802800



000000

Inverse Universe

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



0A5C82



0073A8



0A2082



393E40



005780



000000

Previews

White Background



This preview shows how the Hex color 82300A looks on a white background.

Color Contrast Check

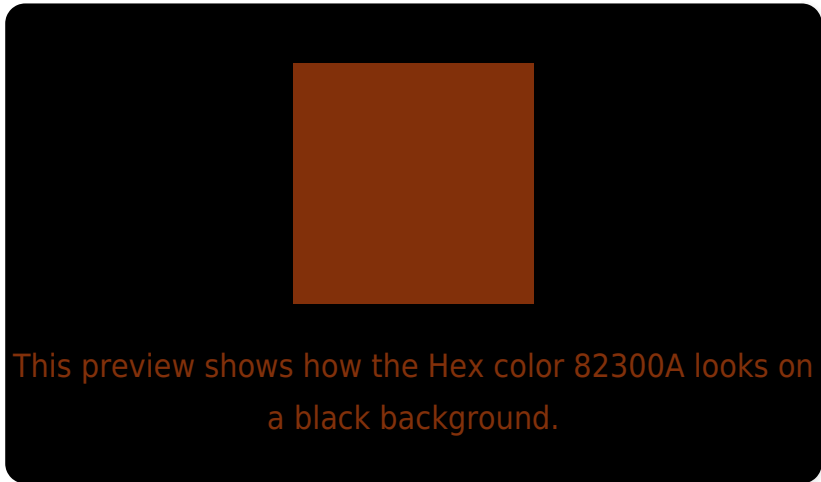
Large Text (above 18pt) WCAG AA ✓ Pass

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 82300A Background



This preview shows how black text looks on a background with the Hex color 82300A.



This preview shows how white text looks on a background with the Hex color 82300A.

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
82300A

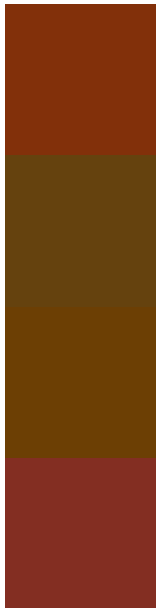
Protanopia
554C11

Deuteranopia
5F4700



Tritanopia
832D2F

Trichromacy



Original Color
82300A

Protanomaly
65420E

Deuteranomaly
6C3F04

Tritanomaly
832E22

Monochromacy



Original Color
82300A

Achromatopsia
444444

Achromatomaly
5B3D2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 82300A 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 #82300A looks like.

```
.text, #text, p{  
    color:#82300A  
}
```

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 #82300A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82300A
}
```

Border

The CSS property to change the border of an element to Hex 82300A is called "border". The border property can be set on classes, ids or directly on the HTML element.

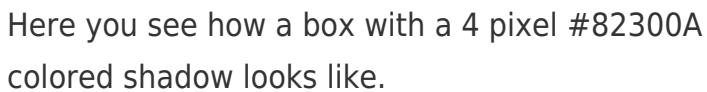
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82300A }
```

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

```
.border{ border-color:#82300A }
```

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



Here you see how a box with a 4 pixel #82300A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82300A; -webkit-box-shadow:4px 4px  
4px 4px #82300A; box-shadow:4px 4px 4px  
4px #82300A }
```

Background

The CSS property to change the background color of an element to Hex 82300A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82300A }
```

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

```
.background{ background-color:#82300A }
```

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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