

Converting Colors

Hex(00830A)

Have a look what the booklet for
Hex(00830A) contains.

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Color

Hex(00830A)

Conversions

Conversions Part 1

Format	Color
Hex	00830A
RGB	0, 131, 10
RGB Percent	0%, 51%, 4%
CMY	1.0000, 0.4863, 0.9608
CMYK	1.00, 0.00, 0.92, 0.49
HSL	125°, 100%, 26%
HSV	125°, 100%, 51%
XYZ	8.1711, 16.2545, 2.9939
YIQ	78.0370, -39.2350, -65.4030

Conversions

Conversions Part 2

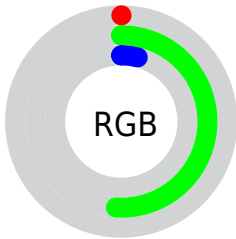
Format	Color
RYB	0, 122, 131
Decimal	33546
CIELab	47.31, -52.20, 48.78
CIELCh	47, 71.447, 136.938
Yxy	16.2545, 0.2980, 0.5928
Android (android.graphics.Color)	4278223626 (0xFF00830A)
YUV	78.0370, -33.5422, -68.4384
Hunter-Lab	40.3169, -34.3777, 23.8189

Details

The Hex color **00830A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **830079**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **52B945**, and **005000** is the 20% darker color. If you saturate the color by 10%, you get **00830A**, and if you desaturate by 10%, it is **0D8316**.

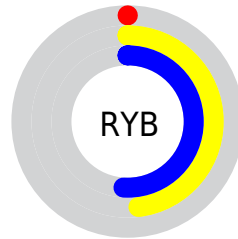
Distribution



Red (0%)

Green (51%)

Blue (4%)



Red (0%)

Yellow (48%)

Blue (51%)

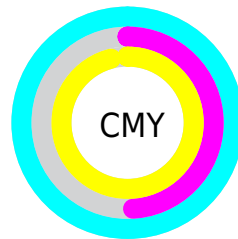


Cyan (100%)

Magenta (0%)

Yellow (92%)

Black (49%)



Cyan (100%)

Magenta (49%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00830A 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 00830A by changing the saturation by 10% instead.

 00830A

 00830A

FFFFFF

 006900

 52B945

 005000

 70D55F

 003800

 8CF279

 002100

 A9FF94

 000000

 C7FFB0

 E4FFCC

 FFFFE9

 00830A

 0D8316

 1A8322

 27832E

 34833A

 428346

 4F8353

 5C835F

 69836B

 768377

Harmonies

Analogous

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



697800



00830A



008853

Triad

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



00830A



007FE7



D72251

Complementary

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



00830A



830079

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.



CC278D



00830A



006CE5

Square

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



00830A



0088C8



9B4DC3



C54615

Rectangle

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



00830A



008A7D



9B4DC3



D71B65

Sweetspot

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



00830A



78AB7C



7A8300



37573A



D6D6D6



575757

Same Dimension

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



00830A



00AB0D



00834A



3C423C



00820A



000300

Inverse Universe

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



830079



AB009E



830039



423C42



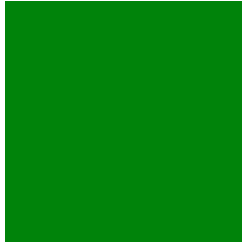
820078



030002

Previews

White Background



This preview shows how the Hex color 00830A looks on a white background.

Color Contrast Check

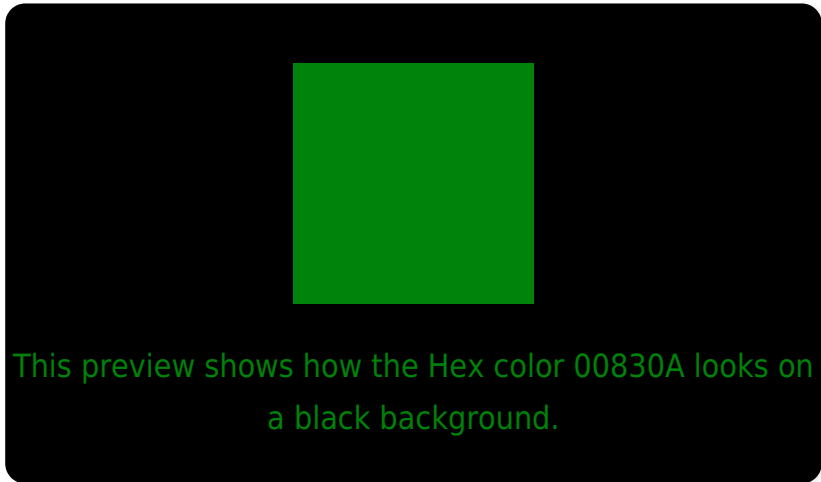
Large Text (above 18pt) WCAG AA ✓ Pass

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 00830A Background



This preview shows how black text looks on a background with the Hex color 00830A.



This preview shows how white text looks on a background with the Hex color 00830A.

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
00830A

Protanopia
7E7000

Deuteranopia
8D6A1E



Tritanopia
377A84

Trichromacy



Original Color
00830A



Protanomaly
507704



Deuteranomaly
5A7317



Tritanomaly
237D58

Monochromacy



Original Color
00830A



Achromatopsia
4E4E4E



Achromatomaly
326135

CSS Examples

Text

The CSS property to change the color of the text to Hex 00830A 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 #00830A looks like.

```
.text, #text, p{  
    color:#00830A  
}
```

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 #00830A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00830A
}
```

Border

The CSS property to change the border of an element to Hex 00830A 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".

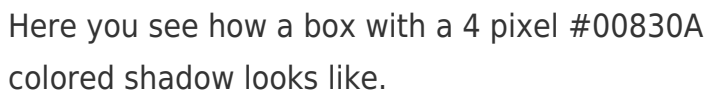
```
.border, #border, table{ border:4px solid
#00830A }
```

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

```
.border{ border-color:#00830A }
```

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

Here you see how a box with a 4 pixel #00830A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00830A; -webkit-box-shadow:4px 4px  
4px 4px #00830A; box-shadow:4px 4px 4px  
4px #00830A }
```

Background

The CSS property to change the background color of an element to Hex 00830A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00830A }
```

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

```
.background{ background-color:#00830A }
```

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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