

Converting Colors

Hex(082200)

Have a look what the booklet for
Hex(082200) contains.

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Color

Hex(082200)

Conversions

Conversions Part 1

Format	Color
Hex	082200
RGB	8, 34, 0
RGB Percent	3%, 13%, 0%
CMY	0.9686, 0.8667, 1.0000
CMYK	0.76, 0.00, 1.00, 0.87
HSL	106°, 100%, 7%
HSV	106°, 100%, 13%
XYZ	0.6722, 1.1957, 0.1954
YIQ	22.3500, -4.5820, -16.0860

Conversions

Conversions Part 2

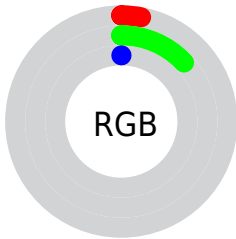
Format	Color
RYB	0, 34, 26
Decimal	532992
CIELab	10.53, -17.83, 15.35
CIELCh	11, 23.532, 139.275
Yxy	1.1957, 0.3258, 0.5795
Android (android.graphics.Color)	4278723072 (0xFF082200)
YUV	22.3500, -11.0185, -12.5849
Hunter-Lab	10.9347, -8.1632, 6.5950

Details

The Hex color **082200** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1A0022**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **334F2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **082200**, and if you desaturate by 10%, it is **0B2203**.

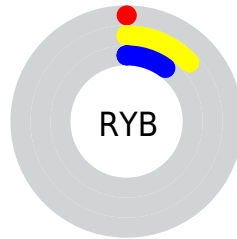
Distribution



Red (3%)

Green (13%)

Blue (0%)



Red (0%)

Yellow (13%)

Blue (10%)

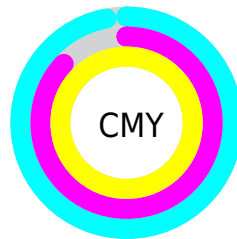


Cyan (76%)

Magenta (0%)

Yellow (100%)

Black (87%)



Cyan (97%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 082200 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 082200 by changing the saturation by 10% instead.

 082200

 082200

 E8FFE2

 000400

 334F2F

 000000

 4A6746

 62805E

 7B9A76

 96B590

 B0D1AB

 CCEDC6

 082200

■ 0B2203

■ 0D2207

■ 10220A

■ 12220E

■ 152211

■ 182214

■ 1A2218

■ 1D221B

■ 1F221F

Harmonies

Analogous

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



1C1F00



082200



002416

Triad

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



082200



00203C



390D13

Complementary

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



082200



1A0022

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.



360D23



082200



101B3B

Square

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



082200



002334



2A1332



351300

Rectangle

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



082200



002421



2A1332



390C18

Sweetspot

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



082200



212B1E



221A00



11170F



969696



171717

Same Dimension

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



082200



0A2B00



002209



101210



135200



31D100

Inverse Universe

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



1A0022



21002B



22001A



111012



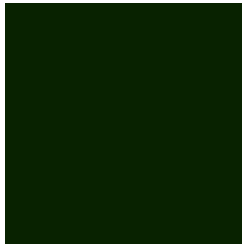
3E0052



A000D1

Previews

White Background



This preview shows how the Hex color 082200 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

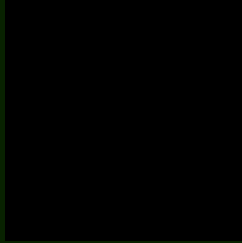
Any Text WCAG AA × Fail

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 082200 Background



This preview shows how black text looks on a background with the Hex color 082200.



This preview shows how white text looks on a background with the Hex color 082200.

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
082200

Protanopia
211D00

Deuteranopia
251C07

Trichromacy



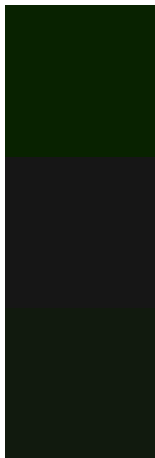
Original Color
082200

Protanomaly
181F00

Deuteranomaly
1A1E04

Tritanomaly
0D2116

Monochromacy



Original Color
082200

Achromatopsia
161616

Achromatomaly
111A0E

CSS Examples

Text

The CSS property to change the color of the text to Hex 082200 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 #082200 looks like.

```
.text, #text, p{  
    color:#082200  
}
```

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 #082200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #082200
}
```

Border

The CSS property to change the border of an element to Hex 082200 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".

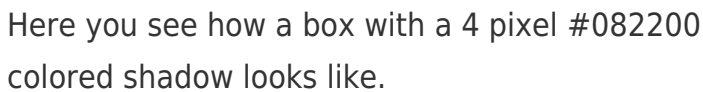
```
.border, #border, table{ border:4px solid
#082200 }
```

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

```
.border{ border-color:#082200 }
```

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

Here you see how a box with a 4 pixel #082200 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #082200; -webkit-box-shadow:4px 4px  
4px 4px #082200; box-shadow:4px 4px 4px  
4px #082200 }
```

Background

The CSS property to change the background color of an element to Hex 082200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#082200 }
```

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

```
.background{ background-color:#082200 }
```

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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