

Converting Colors

Hex(083C00)

Have a look what the booklet for
Hex(083C00) contains.

| | |
|--|----|
| Hex(083C00) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(083C00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 083C00 |
| RGB | 8, 60, 0 |
| RGB Percent | 3%, 24%, 0% |
| CMY | 0.9686, 0.7647, 1.0000 |
| CMYK | 0.87, 0.00, 1.00, 0.76 |
| HSL | 112°, 100%, 12% |
| HSV | 112°, 100%, 24% |
| XYZ | 1.7160, 3.2833, 0.5433 |
| YIQ | 37.6120, -11.7320, -29.6840 |

Conversions

Conversions Part 2

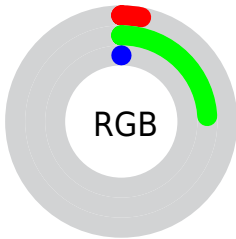
| Format | Color |
|-------------------------------------|---|
| RYB | 0, 60, 52 |
| Decimal | 539648 |
| CIELab | 21.14, -28.94, 28.69 |
| CIELCh | 21, 40.746, 135.251 |
| Yxy | 3.2833, 0.3096, 0.5924 |
| Android (android.graphics.Color) | 4278729728 (0xFF083C00) |
| YUV | 37.6120, -18.5427, -25.9697 |
| Hunter-Lab | 18.1200, -14.8057, 10.9063 |

Details

The Hex color **083C00** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **34003C**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **3D6C2F**, and **000800** is the 20% darker color. If you saturate the color by 10%, you get **083C00**, and if you desaturate by 10%, it is **0D3C06**.

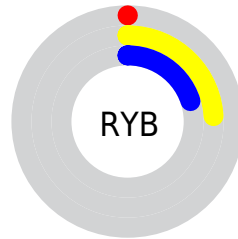
Distribution



Red (3%)

Green (24%)

Blue (0%)



Red (0%)

Yellow (24%)

Blue (20%)

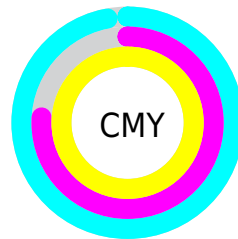


Cyan (87%)

Magenta (0%)

Yellow (100%)

Black (76%)



Cyan (97%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 083C00 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 083C00 by changing the saturation by 10% instead.

 083C00

 083C00

 FAFFE5

 002600

 3D6C2F

 000800

 568647

 000000

 6FA05F

 8ABB79

 A5D793

 C0F4AD

 DDFFC9

 083C00

■ 0D3C06

■ 123C0C

■ 183C12

■ 1D3C18

■ 223C1E

■ 273C24

■ 2C3C2A

■ 323C30

■ 373C36

Harmonies

Analogous

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



323600



083C00



003F22

Triad

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



083C00



003B6D



670D25

Complementary

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



083C00



34003C

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.



601143



083C00



00316D

Square

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



083C00



003F5D



46225E



5E1D06

Rectangle

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



083C00



004037



46225E



660B2F

Sweetspot

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



083C00



3A4F37



3C3400



1C291A



A8A8A8



292929

Same Dimension

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



083C00



0B4F00



003C16



1C1F1C



0D5E00



1EDE00

Inverse Universe

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



34003C



45004F



3C0026



1E1C1F



52005E



C000DE

Previews

White Background



This preview shows how the Hex color 083C00 looks on a white background.

Color Contrast Check

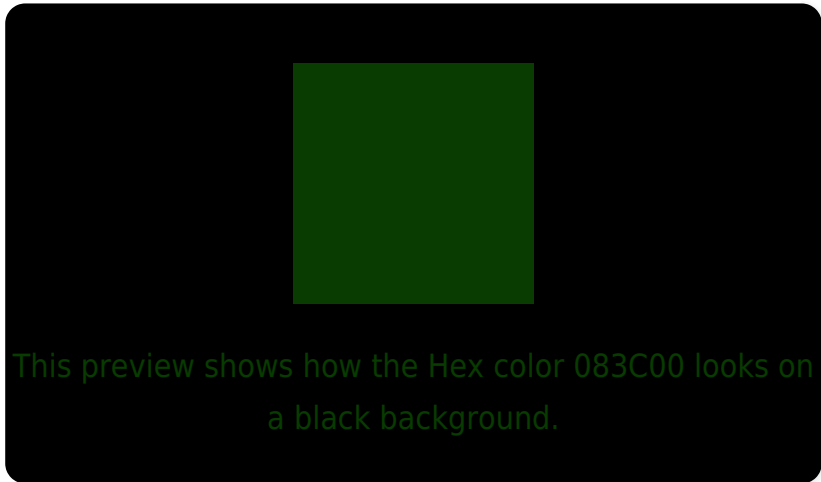
Large Text (above 18pt) WCAG AA ✓ Pass

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

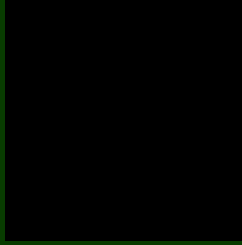
Any Text WCAG AA × Fail

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 083C00 Background



This preview shows how black text looks on a background with the Hex color 083C00.



This preview shows how white text looks on a background with the Hex color 083C00.

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](#).

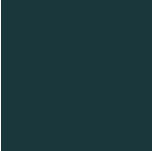
Dichromacy



Original Color
083C00

Protanopia
3A3300

Deuteranopia
41310D



Tritanopia
1A383C

Trichromacy



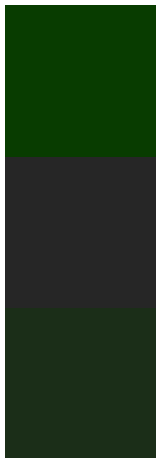
Original Color
083C00

Protanomaly
283600

Deuteranomaly
2C3508

Tritanomaly
133926

Monochromacy



Original Color
083C00

Achromatopsia
262626

Achromatomaly
1B2E18

CSS Examples

Text

The CSS property to change the color of the text to Hex 083C00 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 #083C00 looks like.

```
.text, #text, p{  
    color:#083C00  
}
```

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 #083C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #083C00
}
```

Border

The CSS property to change the border of an element to Hex 083C00 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
#083C00 }
```

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

```
.border{ border-color:#083C00 }
```

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

Here you see how a box with a 4 pixel #083C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #083C00; -webkit-box-shadow:4px 4px  
4px 4px #083C00; box-shadow:4px 4px 4px  
4px #083C00 }
```

Background

The CSS property to change the background color of an element to Hex 083C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#083C00 }
```

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

```
.background{ background-color:#083C00 }
```

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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