

Converting Colors

Hex(083008)

Have a look what the booklet for
Hex(083008) contains.

Hex(083008)	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(083008)

Conversions

Conversions Part 1

Format	Color
Hex	083008
RGB	8, 48, 8
RGB Percent	3%, 19%, 3%
CMY	0.9686, 0.8118, 0.9686
CMYK	0.83, 0.00, 0.83, 0.81
HSL	120°, 71%, 11%
HSV	120°, 83%, 19%
XYZ	1.2009, 2.1831, 0.5878
YIQ	31.4800, -11.0000, -20.9200

Conversions

Conversions Part 2

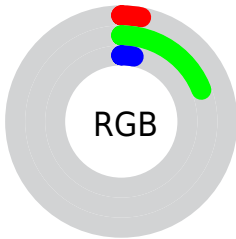
Format	Color
R_{YB}	8, 48, 48
Decimal	536584
CIE _{Lab}	16.42, -23.29, 19.90
CIE _{LCh}	16, 30.632, 139.478
Yxy	2.1831, 0.3024, 0.5496
Android (android.graphics.Color)	4278726664 (0xFF083008)
YUV	31.4800, -11.5756, -20.5920
Hunter-Lab	14.7752, -11.3482, 7.9839

Details

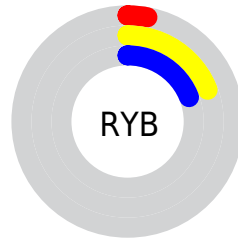
The Hex color **083008** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **300830**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **385F35**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **033003**, and if you desaturate by 10%, it is **0D300D**.

Distribution



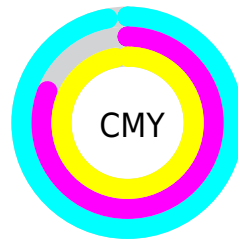
- Red (3%)
- Green (19%)
- Blue (3%)



- Red (3%)
- Yellow (19%)
- Blue (19%)



- Cyan (83%)
- Magenta (0%)
- Yellow (83%)
- Black (81%)



- Cyan (97%)
- Magenta (81%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 083008 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 083008 by changing the saturation by 10% instead.

 083008

 083008

 F1FFEA

 001D00

 385F35

 000000

 50784C

 699264

 83AC7D

 9DC897

 B9E4B2

 D5FFCD

 083008

 083008

■ 033003

■ 0D300D

■ 003000

■ 123012

■ 163016

■ 1B301B

■ 203020

■ 253025

■ 2A302A

■ 2E302E

■ 333033

Harmonies

Analogous

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



272C00



083008



003220

Triad

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



083008



002D54



4F121C

Complementary

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



083008



300830

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.



4C1231



083008



162652

Square

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



083008



00314A



3B1C45



481B03

Rectangle

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



083008



00332F



3B1C45



4F1123

Sweetspot

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



083008



2E3D2E



303008



151F15



9E9E9E



1F1F1F

Same Dimension

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



083008



003D00



08301C



151715



005700



00D600

Inverse Universe

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



300830



3D003D



30081C



171517



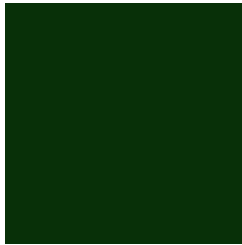
570057



D600D6

Previews

White Background



This preview shows how the Hex color 083008 looks on a white background.

Color Contrast Check

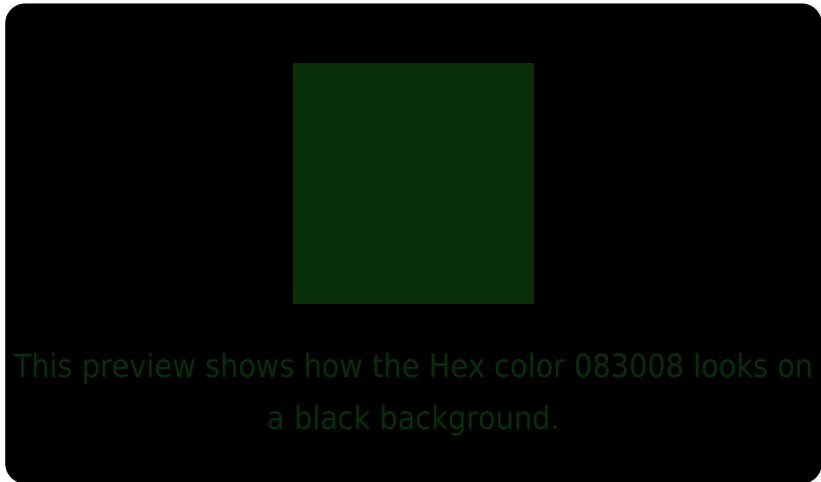
Large Text (above 18pt) WCAG AA ✓ Pass

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

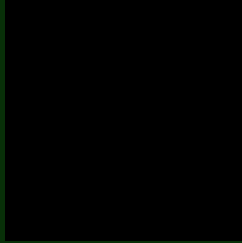
Any Text WCAG AA × Fail

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 083008 Background



This preview shows how black text looks on a background with the Hex color 083008.



This preview shows how white text looks on a background with the Hex color 083008.

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
083008

Protanopia
2E2906

Deuteranopia
34270D



Tritanopia
152D30

Trichromacy



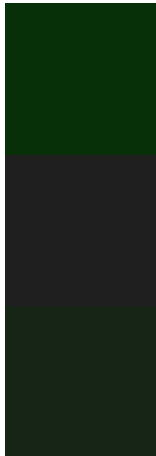
Original Color
083008

Protanomaly
202C07

Deuteranomaly
242A0B

Tritanomaly
102E21

Monochromacy



Original Color
083008

Achromatopsia
1F1F1F

Achromatomaly
172517

CSS Examples

Text

The CSS property to change the color of the text to Hex 083008 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 #083008 looks like.

```
.text, #text, p{  
    color:#083008  
}
```

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 #083008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #083008
}
```

Border

The CSS property to change the border of an element to Hex 083008 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".

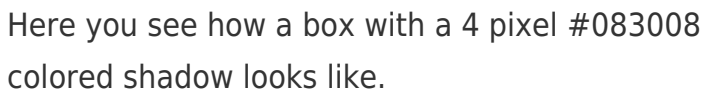
```
.border, #border, table{ border:4px solid
#083008 }
```

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

```
.border{ border-color:#083008 }
```

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

Here you see how a box with a 4 pixel #083008 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #083008; -webkit-box-shadow:4px 4px  
4px 4px #083008; box-shadow:4px 4px 4px  
4px #083008 }
```

Background

The CSS property to change the background color of an element to Hex 083008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#083008 }
```

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

```
.background{ background-color:#083008 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor