

Converting Colors

Hex(083E33)

Have a look what the booklet for
Hex(083E33) contains.

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Color

Hex(083E33)

Conversions

Conversions Part 1

Format	Color
Hex	083E33
RGB	8, 62, 51
RGB Percent	3%, 24%, 20%
CMY	0.9686, 0.7569, 0.8000
CMYK	0.87, 0.00, 0.18, 0.76
HSL	168°, 77%, 14%
HSV	168°, 87%, 24%
XYZ	2.4203, 3.7359, 3.7255
YIQ	44.6000, -28.6530, -14.8690

Conversions

Conversions Part 2

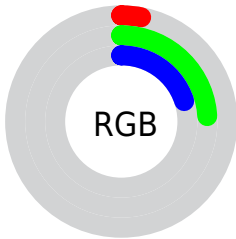
Format	Color
R_{YB}	8, 38, 62
Decimal	540211
CIE Lab	22.78, -20.05, 1.93
CIE LCh	23, 20.140, 174.500
Yxy	3.7359, 0.2449, 0.3781
Android (android.graphics.Color)	4278730291 (0xFF083E33)
YUV	44.6000, 3.1552, -32.0982
Hunter-Lab	19.3284, -11.4730, 2.1019

Details

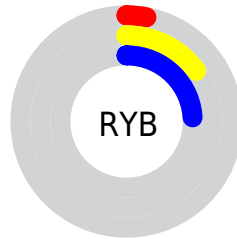
The Hex color **083E33** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3E0813**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3D6E61**, and **001205** is the 20% darker color. If you saturate the color by 10%, you get **023E32**, and if you desaturate by 10%, it is **0E3E34**.

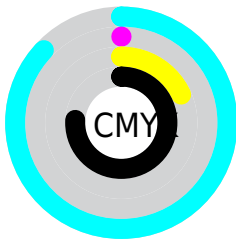
Distribution



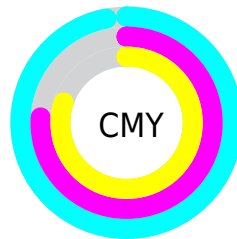
- Red (3%)
- Green (24%)
- Blue (20%)



- Red (3%)
- Yellow (15%)
- Blue (24%)



- Cyan (87%)
- Magenta (0%)
- Yellow (18%)
- Black (76%)



- Cyan (97%)
- Magenta (76%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 083E33 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 083E33 by changing the saturation by 10% instead.

 083E33

 083E33

 F9FFFF

 00281E

 3D6E61

 001205

 56887A

 000000

 6FA294

 89BDAE

 A4D9CA

 C0F5E6

 DCFFFF

 083E33

 083E33

■ 023E32

■ 0E3E34

■ 003E31

■ 143E36

■ 1B3E37

■ 213E38

■ 273E39

■ 2D3E3B

■ 333E3C

■ 3A3E3D

■ 403E3E

Harmonies

Analogous

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



213C24



083E33



003E42

Triad

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



083E33



343452



4D2F1E

Complementary

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



083E33



3E0813

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.



532B2B



083E33



462E48

Square

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



083E33



183954



512A3A



423518

Rectangle

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



083E33



003D4B



512A3A



502E22

Sweetspot

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



083E33



3C524D



143E08



1C2926



A8A8A8



292929

Same Dimension

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



083E33



005241



082F3E



1C1F1E



005E4B



00DEB1

Inverse Universe

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



3E0813



520011



3E1708



1F1C1C



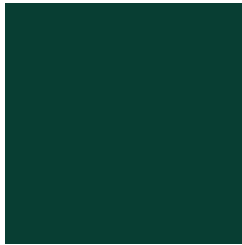
5E0013



DE002D

Previews

White Background



This preview shows how the Hex color 083E33 looks on a white background.

Color Contrast Check

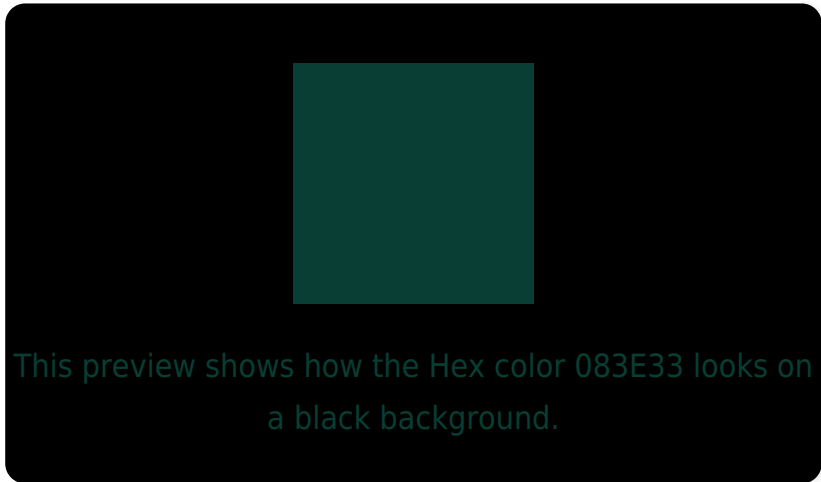
Large Text (above 18pt) WCAG AA ✓ Pass

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

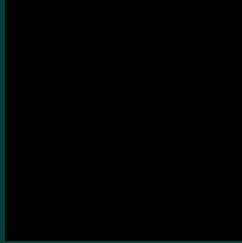
Any Text WCAG AA × Fail

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 083E33 Background



This preview shows how black text looks on a background with the Hex color 083E33.



This preview shows how white text looks on a background with the Hex color 083E33.

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
083E33

Protanopia
39362F

Deuteranopia
3C3535



Tritanopia
133C41

Trichromacy



Original Color
083E33

Protanomaly
273930

Deuteranomaly
293834

Tritanomaly
0F3D3C

Monochromacy



Original Color
083E33

Achromatopsia
2D2D2D

Achromatomaly
20332F

CSS Examples

Text

The CSS property to change the color of the text to Hex 083E33 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 #083E33 looks like.

```
.text, #text, p{  
    color:#083E33  
}
```

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 #083E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #083E33
}
```

Border

The CSS property to change the border of an element to Hex 083E33 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
#083E33 }
```

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

```
.border{ border-color:#083E33 }
```

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

Here you see how a box with a 4 pixel #083E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #083E33; -webkit-box-shadow:4px 4px  
4px 4px #083E33; box-shadow:4px 4px 4px  
4px #083E33 }
```

Background

The CSS property to change the background color of an element to Hex 083E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#083E33 }
```

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

```
.background{ background-color:#083E33 }
```

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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