

Converting Colors

Hex(033733)

Have a look what the booklet for
Hex(033733) contains.

Hex(033733)	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(033733)

Conversions

Conversions Part 1

Format	Color
Hex	033733
RGB	3, 55, 51
RGB Percent	1%, 22%, 20%
CMY	0.9882, 0.7843, 0.8000
CMYK	0.95, 0.00, 0.07, 0.78
HSL	175°, 90%, 11%
HSV	175°, 95%, 22%
XYZ	2.0013, 2.9908, 3.6038
YIQ	38.9960, -29.7080, -12.2680

Conversions

Conversions Part 2

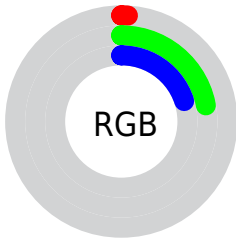
Format	Color
R_{YB}	3, 30, 55
Decimal	210739
CIE Lab	20.01, -17.13, -2.13
CIE LCh	20, 17.266, 187.097
Yxy	2.9908, 0.2328, 0.3479
Android (android.graphics.Color)	4278400819 (0xFF033733)
YUV	38.9960, 5.9180, -31.5685
Hunter-Lab	17.2938, -9.6077, -0.2495

Details

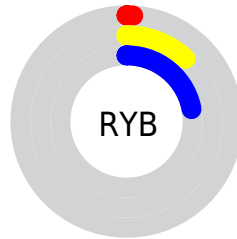
The Hex color **033733** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **370307**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **386661**, and **000005** is the 20% darker color. If you saturate the color by 10%, you get **003733**, and if you desaturate by 10%, it is **093733**.

Distribution



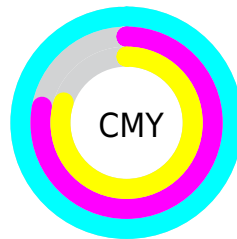
- Red (1%)
- Green (22%)
- Blue (20%)



- Red (1%)
- Yellow (12%)
- Blue (22%)



- Cyan (95%)
- Magenta (0%)
- Yellow (7%)
- Black (78%)



- Cyan (99%)
- Magenta (78%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 033733 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 033733 by changing the saturation by 10% instead.

 033733


 033733

 F3FFFF

 00211E

 386661

 000005

 517F7A

 000000

 6A9994

 84B4AE

 9FD0CA

 BAECE6

 D7FFFF

 033733

 033733

■ 003733

■ 093733

■ 0E3734

■ 133734

■ 193735

■ 1E3735

■ 243736

■ 2A3736

■ 2F3736

■ 353737

Harmonies

Analogous

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



183626



033733



00363F

Triad

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



033733



362C44



402C19

Complementary

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



033733



370307

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.



472822



033733



43283A

Square

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



033733



223149



48262E



353117

Rectangle

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



033733



003545



48262E



432B1C

Sweetspot

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



033733



334746



073703



182423



A3A3A3



242424

Same Dimension

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



033733



004742



032137



191C1C



005C55



00DBCA

Inverse Universe

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



370307



470005



371903



1C1919



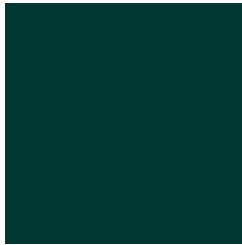
5C0007



DB0011

Previews

White Background



This preview shows how the Hex color 033733 looks on a white background.

Color Contrast Check

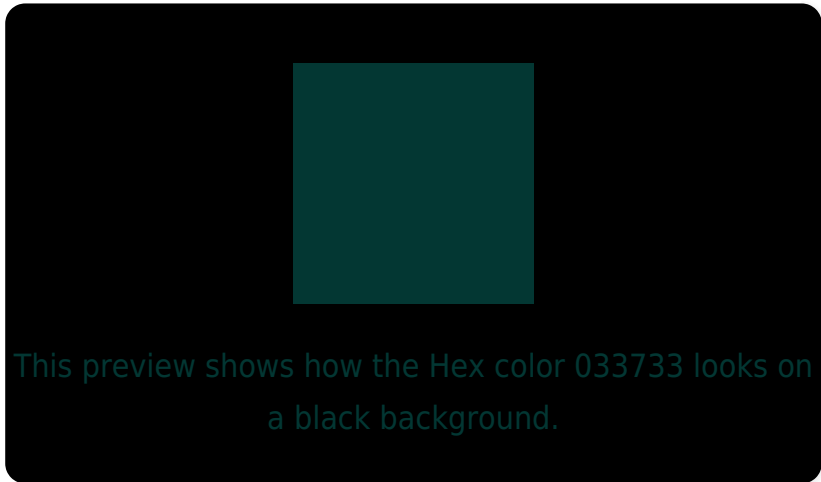
Large Text (above 18pt) WCAG AA ✓ Pass

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

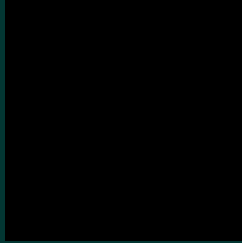
Any Text WCAG AA × Fail

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 033733 Background



This preview shows how black text looks on a background with the Hex color 033733.



This preview shows how white text looks on a background with the Hex color 033733.

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](#).

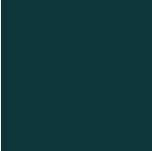
Dichromacy



Original Color
033733

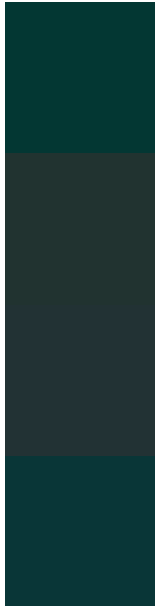
Protanopia
32312F

Deuteranopia
342F35



Tritanopia
0D363A

Trichromacy



Original Color
033733

Protanomaly
213330

Deuteranomaly
223234

Tritanomaly
093637

Monochromacy



Original Color
033733

Achromatopsia
272727

Achromatomaly
1A2D2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 033733 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 #033733 looks like.

```
.text, #text, p{  
    color:#033733  
}
```

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 #033733 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033733
}
```

Border

The CSS property to change the border of an element to Hex 033733 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
#033733 }
```

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

```
.border{ border-color:#033733 }
```

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

Here you see how a box with a 4 pixel #033733 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033733; -webkit-box-shadow:4px 4px  
4px 4px #033733; box-shadow:4px 4px 4px  
4px #033733 }
```

Background

The CSS property to change the background color of an element to Hex 033733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033733 }
```

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

```
.background{ background-color:#033733 }
```

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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