

Converting Colors

Hex(033B3F)

Have a look what the booklet for
Hex(033B3F) contains.

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Color

Hex(033B3F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 033B3F |
| RGB | 3, 59, 63 |
| RGB Percent | 1%, 23%, 25% |
| CMY | 0.9882, 0.7686, 0.7529 |
| CMYK | 0.95, 0.06, 0.00, 0.75 |
| HSL | 184°, 91%, 13% |
| HSV | 184°, 95%, 25% |
| XYZ | 2.4987, 3.5062, 5.2477 |
| YIQ | 42.7120, -34.6600, -10.6280 |

Conversions

Conversions Part 2

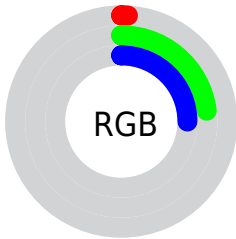
| Format | Color |
|-------------------------------------|-------------------------------|
| R_YB | 3, 32, 63 |
| Decimal | 211775 |
| CIE _{Lab} | 21.97, -14.98, -7.32 |
| CIE _{LCh} | 22, 16.672, 206.058 |
| Yxy | 3.5062, 0.2221, 0.3116 |
| Android (android.graphics.Color) | 4278401855 (0xFF033B3F) |
| YUV | 42.7120, 10.0020, -34.8274 |
| Hunter-Lab | 18.7248, -8.9485, -3.5089 |

Details

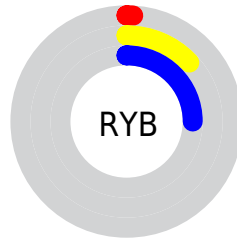
The Hex color **033B3F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3F0703**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **3B6B6F**, and **000E15** is the 20% darker color. If you saturate the color by 10%, you get **003B3F**, and if you desaturate by 10%, it is **093B3F**.

Distribution



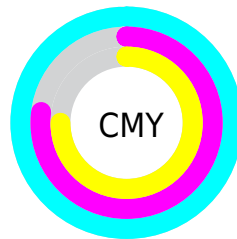
- Red (1%)
- Green (23%)
- Blue (25%)



- Red (1%)
- Yellow (13%)
- Blue (25%)



- Cyan (95%)
- Magenta (6%)
- Yellow (0%)
- Black (75%)



- Cyan (99%)
- Magenta (77%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 033B3F 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 033B3F by changing the saturation by 10% instead.

 033B3F

 033B3F

 F8FFFF

 002529

 3B6B6F

 000E15

 548488

 000000

 6E9EA2

 88B9BD

 A3D5D9

 BFF1F5

 DBFFFF

 033B3F

 033B3F

■ 003B3F

■ 093B3F

■ 103C3F

■ 163C3F

■ 1C3D3F

■ 233D3F

■ 293E3F

■ 2F3E3F

■ 353E3F

■ 3C3F3F

Harmonies

Analogous

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



133B32



033B3F



093949

Triad

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



033B3F



432E43



3E331C

Complementary

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



033B3F



3F0703

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.



482F21



033B3F



4B2B37

Square

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



033B3F



34324B



4C2C2A



32371E

Rectangle

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



033B3F



18384C



4C2C2A



42321D

Sweetspot

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



033B3F



3A5052



033F07



1B2829



A8A8A8



292929

Same Dimension

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



033B3F



004C52



031D3F



1C1E1F



00585E



00CFDE

Inverse Universe

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



3F033B



52004C



3F2503



1F1C1E



5E0058



DE00CF

Previews

White Background



This preview shows how the Hex color 033B3F looks on a white background.

Color Contrast Check

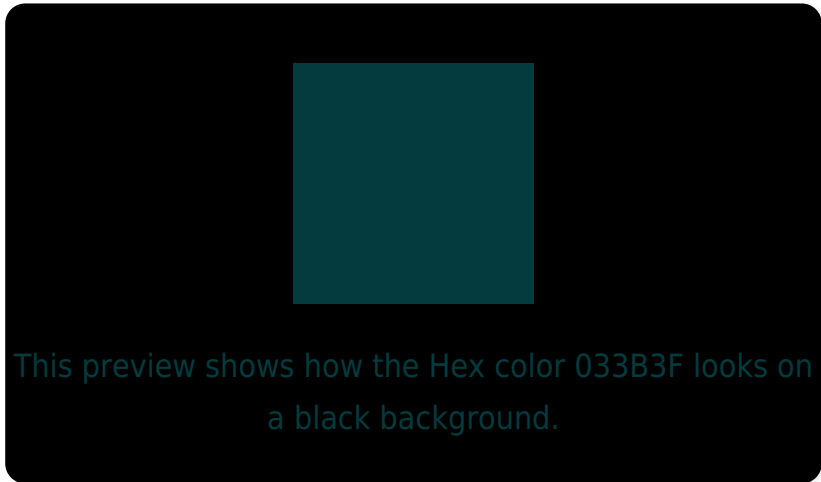
Large Text (above 18pt) WCAG AA ✓ Pass

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

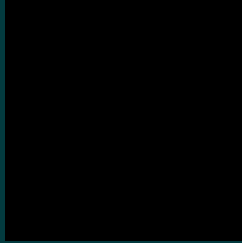
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

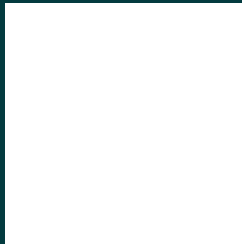
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 033B3F Background



This preview shows how black text looks on a background with the Hex color 033B3F.



This preview shows how white text looks on a background with the Hex color 033B3F.

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
033B3F

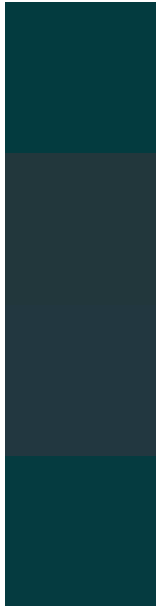
Protanopia
34353B

Deuteranopia
343441



Tritanopia
063B40

Trichromacy



Original Color
033B3F

Protanomaly
22373C

Deuteranomaly
223740

Tritanomaly
053B40

Monochromacy



Original Color
033B3F

Achromatopsia
2B2B2B

Achromatomaly
1C3132

CSS Examples

Text

The CSS property to change the color of the text to Hex 033B3F 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 #033B3F looks like.

```
.text, #text, p{  
  color:#033B3F  
}
```

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 #033B3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033B3F
}
```

Border

The CSS property to change the border of an element to Hex 033B3F 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
#033B3F }
```

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

```
.border{ border-color:#033B3F }
```

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

Here you see how a box with a 4 pixel #033B3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033B3F; -webkit-box-shadow:4px 4px  
4px 4px #033B3F; box-shadow:4px 4px 4px  
4px #033B3F }
```

Background

The CSS property to change the background color of an element to Hex 033B3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033B3F }
```

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

```
.background{ background-color:#033B3F }
```

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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