

Converting Colors

Hex(063B3B)

Have a look what the booklet for
Hex(063B3B) contains.

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Color

Hex(063B3B)

Conversions

Conversions Part 1

Format	Color
Hex	063B3B
RGB	6, 59, 59
RGB Percent	2%, 23%, 23%
CMY	0.9765, 0.7686, 0.7686
CMYK	0.90, 0.00, 0.00, 0.77
HSL	180°, 82%, 13%
HSV	180°, 90%, 23%
XYZ	2.4285, 3.4824, 4.6819
YIQ	43.1530, -31.5880, -11.2360

Conversions

Conversions Part 2

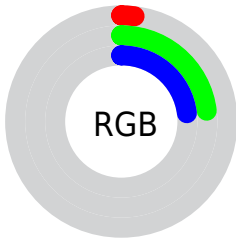
Format	Color
RYB	6, 33, 59
Decimal	408379
CIELab	21.88, -16.01, -4.76
CIELCh	22, 16.704, 196.541
Yxy	3.4824, 0.2293, 0.3288
Android (android.graphics.Color)	4278598459 (0xFF063B3B)
YUV	43.1530, 7.8126, -32.5832
Hunter-Lab	18.6612, -9.4280, -1.8122

Details

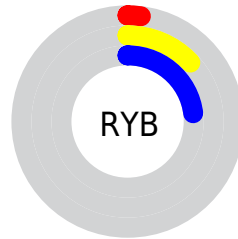
The Hex color **063B3B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3B0606**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **3C6B6A**, and **000D11** is the 20% darker color. If you saturate the color by 10%, you get **003B3B**, and if you desaturate by 10%, it is **0C3B3B**.

Distribution



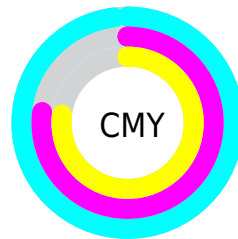
- Red (2%)
- Green (23%)
- Blue (23%)



- Red (2%)
- Yellow (13%)
- Blue (23%)



- Cyan (90%)
- Magenta (0%)
- Yellow (0%)
- Black (77%)



- Cyan (98%)
- Magenta (77%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 063B3B 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 063B3B by changing the saturation by 10% instead.

 063B3B

 063B3B

 F8FFFF

 002525

 3C6B6A

 000D11

 558483

 000000

 6E9E9D

 89B9B8

 A4D5D4

 BFF1F0

 DCFFFF

 063B3B

 063B3B

■ 003B3B

■ 0C3B3B

■ 123B3B

■ 183B3B

■ 1E3B3B

■ 233B3B

■ 293B3B

■ 2F3B3B

■ 353B3B

■ 3B3B3B

Harmonies

Analogous

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



183B2E



063B3B



043A46

Triad

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



063B3B



3E2F45



41321C

Complementary

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



063B3B



3B0606

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.



4A2E23



063B3B



492B3A

Square

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



063B3B



2E334C



4D2B2E



36361C

Rectangle

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



063B3B



11384B



4D2B2E



45301E

Sweetspot

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



063B3B



384D4D



063B06



1A2626



A6A6A6



262626

Same Dimension

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



063B3B



004D4D



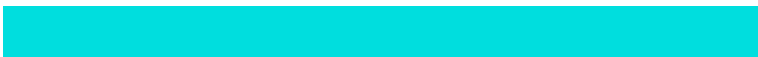
06213B



1C1F1F



005E5E



00DEDE

Inverse Universe

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



3B063B



4D004D



3B2106



1F1C1F



5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 063B3B looks on a white background.

Color Contrast Check

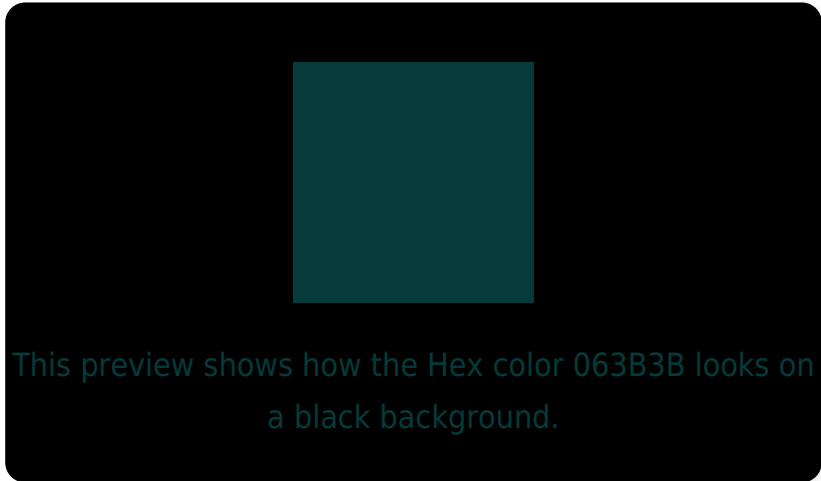
Large Text (above 18pt) WCAG AA ✓ Pass

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

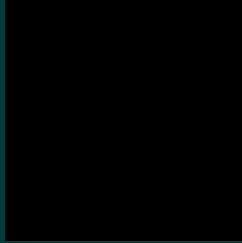
Any Text WCAG AA × Fail

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 063B3B Background



This preview shows how black text looks on a background with the Hex color 063B3B.



This preview shows how white text looks on a background with the Hex color 063B3B.

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
063B3B

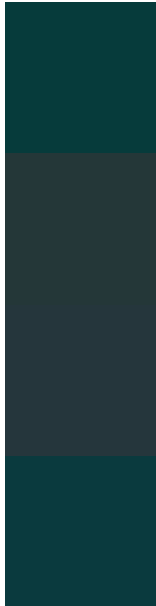
Protanopia
353437

Deuteranopia
36333D



Tritanopia
0C3A3F

Trichromacy



Original Color
063B3B

Protanomaly
243738

Deuteranomaly
25363C

Tritanomaly
0A3A3E

Monochromacy



Original Color
063B3B

Achromatopsia
2B2B2B

Achromatomaly
1E3131

CSS Examples

Text

The CSS property to change the color of the text to Hex 063B3B 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 #063B3B looks like.

```
.text, #text, p{  
    color:#063B3B  
}
```

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 #063B3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #063B3B
}
```

Border

The CSS property to change the border of an element to Hex 063B3B 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
#063B3B }
```

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

```
.border{ border-color:#063B3B }
```

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

Here you see how a box with a 4 pixel #063B3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #063B3B; -webkit-box-shadow:4px 4px  
4px 4px #063B3B; box-shadow:4px 4px 4px  
4px #063B3B }
```

Background

The CSS property to change the background color of an element to Hex 063B3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#063B3B }
```

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

```
.background{ background-color:#063B3B }
```

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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