

# Converting Colors

Hex(063B3D)

Have a look what the booklet for  
Hex(063B3D) contains.

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# Color

**Hex(063B3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	063B3D
RGB	6, 59, 61
RGB Percent	2%, 23%, 24%
CMY	0.9765, 0.7686, 0.7608
CMYK	0.90, 0.03, 0.00, 0.76
HSL	182°, 82%, 13%
HSV	182°, 90%, 24%
XYZ	2.4814, 3.5036, 4.9604
YIQ	43.3810, -32.2300, -10.6140

# Conversions

## Conversions Part 2

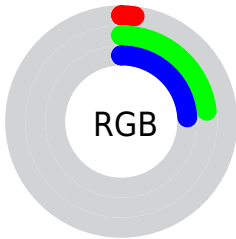
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 33, 61
Decimal	408381
CIELab	21.96, -15.28, -5.99
CIELCh	22, 16.412, 201.393
Yxy	3.5036, 0.2267, 0.3201
Android (android.graphics.Color)	4278598461 (0xFF063B3D)
YUV	43.3810, 8.6862, -32.7831
Hunter-Lab	18.7178, -9.0929, -2.6098

# Details

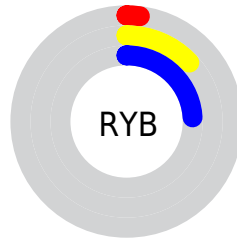
The Hex color **063B3D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D0806**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **3C6B6C**, and **000E13** is the 20% darker color. If you saturate the color by 10%, you get **003B3D**, and if you desaturate by 10%, it is **0C3B3D**.

# Distribution



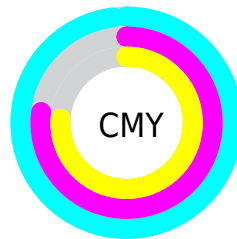
- Red (2%)
- Green (23%)
- Blue (24%)



- Red (2%)
- Yellow (13%)
- Blue (24%)



- Cyan (90%)
- Magenta (3%)
- Yellow (0%)
- Black (76%)



- Cyan (98%)
- Magenta (77%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 063B3D 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 063B3D by changing the saturation by 10% instead.



 063B3D

 063B3D

 F9FFFF

 002527

 3C6B6C

 000E13

 558486

 000000

 6F9EA0

 89B9BB

 A4D5D6

 C0F1F3

 DCF0FF

 063B3D

 063B3D

■ 003B3D

■ 0C3B3D

■ 123B3D

■ 183C3D

■ 1E3C3D

■ 253C3D

■ 2B3C3D

■ 313D3D

■ 373D3D

■ 3D3D3D

# Harmonies

## Analogous

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



163B31



063B3D



083A47

# Triad

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



063B3D



402E44



40331C

# Complementary

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



063B3D



3D0806

# 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.



492E22



063B3D



4A2B39

# Square

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



063B3D



31334B



4C2C2C



34371E

# Rectangle

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



063B3D



16384B



4C2C2C



43311E



# Sweetspot

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



063B3D



3A4E4F



063D08



1C2829



A8A8A8



292929



# Same Dimension

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



063B3D



004C4F



06203D



1C1E1F



005B5E



00D6DE



# Inverse Universe

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



3D063B



4F004C



3D2306



1F1C1E



5E005B

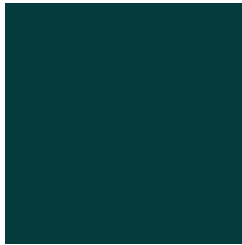


DE00D6



# Previews

## White Background



This preview shows how the Hex color 063B3D looks on a white background.

## Color Contrast Check

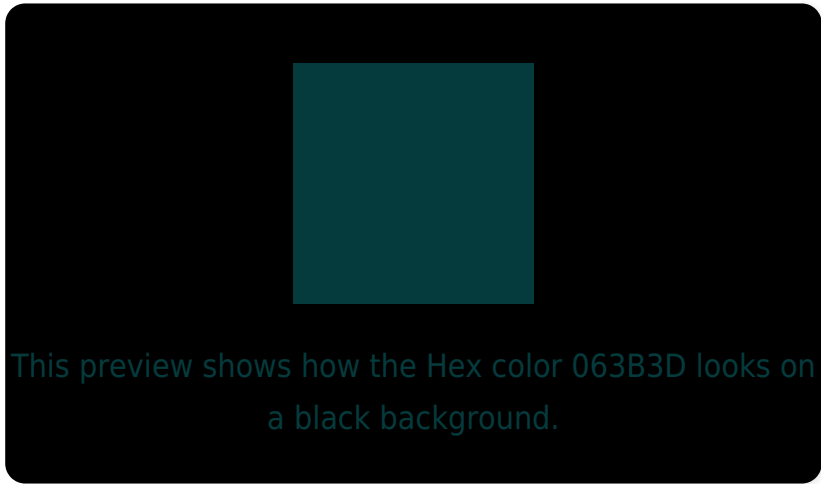
Large Text (above 18pt) WCAG AA ✓ Pass

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

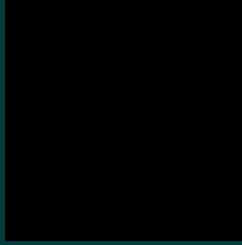
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 063B3D Background



This preview shows how black text looks on a background with the Hex color 063B3D.



This preview shows how white text looks on a background with the Hex color 063B3D.

# 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**  
063B3D

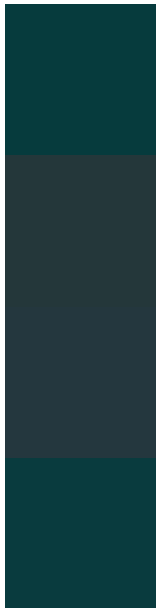
**Protanopia**  
353439

**Deuteranopia**  
35343F



**Tritanopia**  
0A3B3F

# Trichromacy



**Original Color**  
063B3D

**Protanomaly**  
24373A

**Deuteranomaly**  
24373E

**Tritanomaly**  
093B3E

# Monochromacy



**Original Color**  
063B3D

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
1E3132

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 063B3D 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 #063B3D looks like.

```
.text, #text, p{  
    color:#063B3D  
}
```

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 #063B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #063B3D
}
```

## Border

The CSS property to change the border of an element to Hex 063B3D 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
#063B3D }
```

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

```
.border{ border-color:#063B3D }
```

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

Here you see how a box with a 4 pixel #063B3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #063B3D; -webkit-box-shadow:4px 4px  
4px 4px #063B3D; box-shadow:4px 4px 4px  
4px #063B3D }
```

# Background

The CSS property to change the background color of an element to Hex 063B3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#063B3D }
```

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

```
.background{ background-color:#063B3D }
```

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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