

Converting Colors

Hex(063C3C)

Have a look what the booklet for
Hex(063C3C) contains.

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Color

Hex(063C3C)

Conversions

Conversions Part 1

Format	Color
Hex	063C3C
RGB	6, 60, 60
RGB Percent	2%, 24%, 24%
CMY	0.9765, 0.7647, 0.7647
CMYK	0.90, 0.00, 0.00, 0.76
HSL	180°, 82%, 13%
HSV	180°, 90%, 24%
XYZ	2.5066, 3.5967, 4.8371
YIQ	43.8540, -32.1840, -11.4480

Conversions

Conversions Part 2

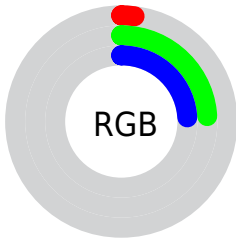
Format	Color
R_{YB}	6, 33, 60
Decimal	408636
CIE _{Lab}	22.29, -16.22, -4.82
CIE _{LCh}	22, 16.918, 196.536
Yxy	3.5967, 0.2291, 0.3288
Android (android.graphics.Color)	4278598716 (0xFF063C3C)
YUV	43.8540, 7.9600, -33.1980
Hunter-Lab	18.9649, -9.5964, -1.8467

Details

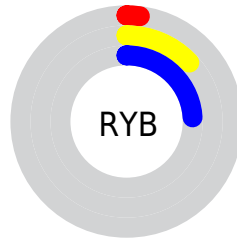
The Hex color **063C3C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3C0606**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3C6C6B**, and **001012** is the 20% darker color. If you saturate the color by 10%, you get **003C3C**, and if you desaturate by 10%, it is **0C3C3C**.

Distribution



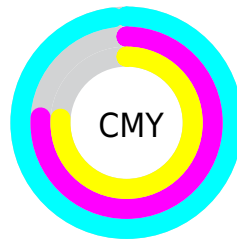
- Red (2%)
- Green (24%)
- Blue (24%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 063C3C 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 063C3C by changing the saturation by 10% instead.

 063C3C

 063C3C

 F9FFFF

 002626

 3C6C6B

 001012

 558584

 000000

 6F9F9F

 89BAB9

 A4D6D5

 C0F2F1

 DCFFFF

 063C3C

 063C3C

■ 003C3C

■ 0C3C3C

■ 123C3C

■ 183C3C

■ 1E3C3C

■ 243C3C

■ 2A3C3C

■ 303C3C

■ 363C3C

■ 3C3C3C

Harmonies

Analogous

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



183C2F



063C3C



043B47

Triad

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



063C3C



3F3047



43331D

Complementary

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



063C3C



3C0606

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.



4B2E24



063C3C



4A2C3B

Square

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



063C3C



2E344D



4E2C2F



37371D

Rectangle

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



063C3C



11394C



4E2C2F



46311E

Sweetspot

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



063C3C



3A4F4F



063C06



1C2929



A8A8A8



292929

Same Dimension

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



063C3C



004F4F



06213C



1C1F1F



005E5E



00DEDE

Inverse Universe

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



3C063C



4F004F



3C2106



1F1C1F



5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 063C3C looks on a white background.

Color Contrast Check

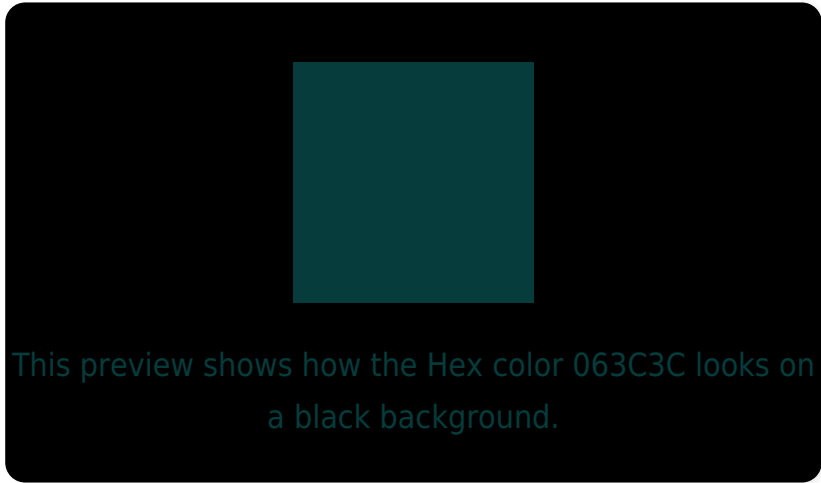
Large Text (above 18pt) WCAG AA ✓ Pass

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

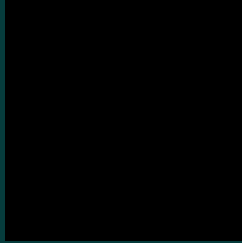
Any Text WCAG AA × Fail

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 063C3C Background



This preview shows how black text looks on a background with the Hex color 063C3C.



This preview shows how white text looks on a background with the Hex color 063C3C.

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
063C3C

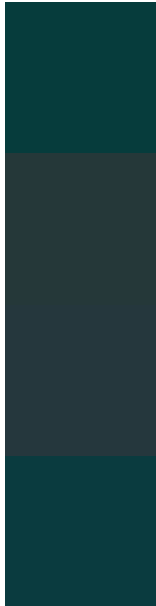
Protanopia
363538

Deuteranopia
37343E



Tritanopia
0C3B40

Trichromacy



Original Color
063C3C

Protanomaly
253839

Deuteranomaly
25373D

Tritanomaly
0A3B3F

Monochromacy



Original Color
063C3C

Achromatopsia
2C2C2C

Achromatomaly
1E3232

CSS Examples

Text

The CSS property to change the color of the text to Hex 063C3C 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 #063C3C looks like.

```
.text, #text, p{  
    color:#063C3C  
}
```

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 #063C3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #063C3C
}
```

Border

The CSS property to change the border of an element to Hex 063C3C 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
#063C3C }
```

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

```
.border{ border-color:#063C3C }
```

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

Here you see how a box with a 4 pixel #063C3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #063C3C; -webkit-box-shadow:4px 4px  
4px 4px #063C3C; box-shadow:4px 4px 4px  
4px #063C3C }
```

Background

The CSS property to change the background color of an element to Hex 063C3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#063C3C }
```

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

```
.background{ background-color:#063C3C }
```

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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