

Converting Colors

Hex(063F3F)

Have a look what the booklet for
Hex(063F3F) contains.

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Color

Hex(063F3F)

Conversions

Conversions Part 1

Format	Color
Hex	063F3F
RGB	6, 63, 63
RGB Percent	2%, 25%, 25%
CMY	0.9765, 0.7529, 0.7529
CMYK	0.90, 0.00, 0.00, 0.75
HSL	180°, 83%, 14%
HSV	180°, 90%, 25%
XYZ	2.7498, 3.9526, 5.3206
YIQ	45.9570, -33.9720, -12.0840

Conversions

Conversions Part 2

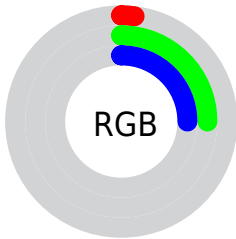
Format	Color
RYB	6, 35, 63
Decimal	409407
CIELab	23.51, -16.83, -4.99
CIELCh	24, 17.550, 196.523
Yxy	3.9526, 0.2287, 0.3288
Android (android.graphics.Color)	4278599487 (0xFF063F3F)
YUV	45.9570, 8.4022, -35.0423
Hunter-Lab	19.8812, -10.1033, -1.9504

Details

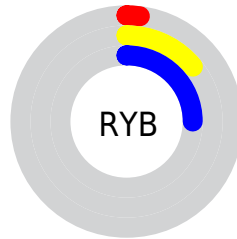
The Hex color **063F3F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3F0606**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **3D6F6F**, and **001515** is the 20% darker color. If you saturate the color by 10%, you get **003F3F**, and if you desaturate by 10%, it is **0C3F3F**.

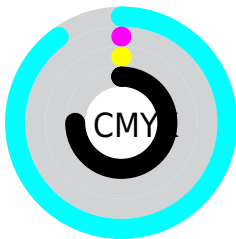
Distribution



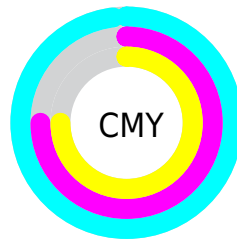
- Red (2%)
- Green (25%)
- Blue (25%)



- Red (2%)
- Yellow (14%)
- Blue (25%)



- Cyan (90%)
- Magenta (0%)
- Yellow (0%)
- Black (75%)



- Cyan (98%)
- Magenta (75%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 063F3F 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 063F3F by changing the saturation by 10% instead.

063F3F

063F3F

FBFFFF

002929

3D6F6F

001515

578888

000000

70A3A2

8BBEBD

A6DAD9

C2F6F5

DEFFFF

063F3F

063F3F

■ 003F3F

■ 0C3F3F

■ 133F3F

■ 193F3F

■ 1F3F3F

■ 253F3F

■ 2C3F3F

■ 323F3F

■ 383F3F

■ 3F3F3F

Harmonies

Analogous

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



1A3F31



063F3F



033E4B

Triad

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



063F3F



43324A



46351E

Complementary

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



063F3F



3F0606

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.



4F3126



063F3F



4E2E3E

Square

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



063F3F



313751



522E31



393A1E

Rectangle

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



063F3F



123C50



522E31



493420

Sweetspot

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



063F3F



3C5252



063F06



1C2929



A8A8A8



292929

Same Dimension

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



063F3F



005252



06233F



1C1F1F



005E5E



00DEDE

Inverse Universe

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



3F063F



520052



3F2306



1F1C1F



5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 063F3F looks on a white background.

Color Contrast Check

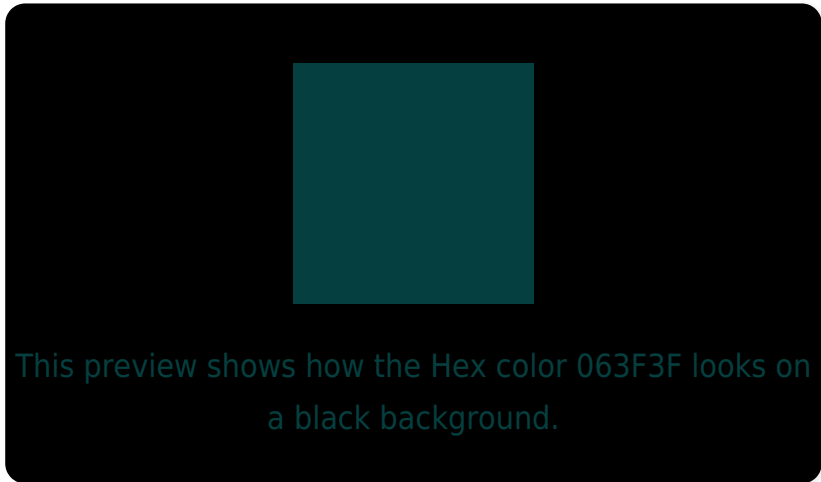
Large Text (above 18pt) WCAG AA ✓ Pass

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

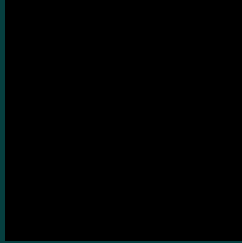
Any Text WCAG AA × Fail

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 063F3F Background



This preview shows how black text looks on a background with the Hex color 063F3F.



This preview shows how white text looks on a background with the Hex color 063F3F.

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](#).

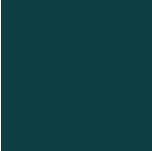
Dichromacy



Original Color
063F3F

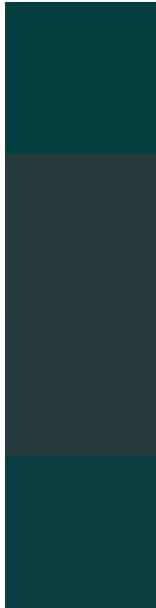
Protanopia
39383B

Deuteranopia
3A3741



Tritanopia
0D3E43

Trichromacy



Original Color
063F3F

Protanomaly
263B3C

Deuteranomaly
273A40

Tritanomaly
0A3E42

Monochromacy



Original Color
063F3F

Achromatopsia
2E2E2E

Achromatomaly
1F3434

CSS Examples

Text

The CSS property to change the color of the text to Hex 063F3F 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 #063F3F looks like.

```
.text, #text, p{  
    color:#063F3F  
}
```

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 #063F3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #063F3F
}
```

Border

The CSS property to change the border of an element to Hex 063F3F 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
#063F3F }
```

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

```
.border{ border-color:#063F3F }
```

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

Here you see how a box with a 4 pixel #063F3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #063F3F; -webkit-box-shadow:4px 4px  
4px 4px #063F3F; box-shadow:4px 4px 4px  
4px #063F3F }
```

Background

The CSS property to change the background color of an element to Hex 063F3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#063F3F }
```

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

```
.background{ background-color:#063F3F }
```

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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