

Converting Colors

Hex(063A47)

Have a look what the booklet for
Hex(063A47) contains.

Hex(063A47)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(063A47)

Conversions

Conversions Part 1

Format	Color
Hex	063A47
RGB	6, 58, 71
RGB Percent	2%, 23%, 28%
CMY	0.9765, 0.7725, 0.7216
CMYK	0.92, 0.18, 0.00, 0.72
HSL	192°, 84%, 15%
HSV	192°, 92%, 28%
XYZ	2.7255, 3.5198, 6.4970
YIQ	43.9340, -35.1650, -6.9810

Conversions

Conversions Part 2

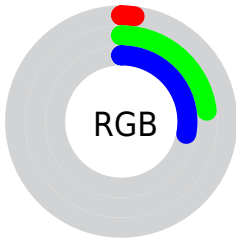
Format	Color
RYB	6, 35, 71
Decimal	408135
CIELab	22.02, -10.82, -12.61
CIELCh	22, 16.615, 229.366
Yxy	3.5198, 0.2139, 0.2762
Android (android.graphics.Color)	4278598215 (0xFF063A47)
YUV	43.9340, 13.3435, -33.2681
Hunter-Lab	18.7610, -6.9004, -7.3995

Details

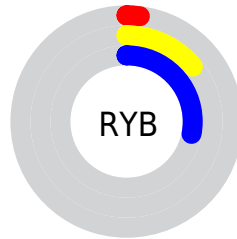
The Hex color **063A47** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **471306**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3E6977**, and **000F1C** is the 20% darker color. If you saturate the color by 10%, you get **003947**, and if you desaturate by 10%, it is **0D3B47**.

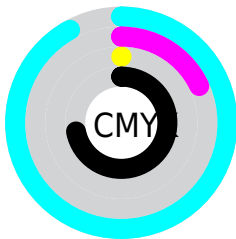
Distribution



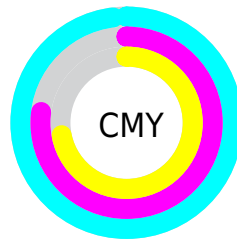
- Red (2%)
- Green (23%)
- Blue (28%)



- Red (2%)
- Yellow (14%)
- Blue (28%)



- Cyan (92%)
- Magenta (18%)
- Yellow (0%)
- Black (72%)



- Cyan (98%)
- Magenta (77%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 063A47 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 063A47 by changing the saturation by 10% instead.

 063A47

 063A47

 FCFFFF

 002431

 3E6977

 000F1C

 578291

 000000

 719CAC

 8CB7C7

 A7D3E3

 C3EFFF

 DFFFFF

 063A47

 063A47

■ 003947

■ 0D3B47

■ 143D47

■ 1B3E47

■ 224047

■ 2A4147

■ 314347

■ 384447

■ 3F4547

■ 464747

Harmonies

Analogous

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



063B3C



063A47



1B374D

Triad

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



063A47



4A2C3A



35361D

Complementary

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



063A47



471306

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.



41321C



063A47



4D2B2D

Square

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



063A47



402F45



492E23



273924

Rectangle

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



063A47



29354D



492E23



39351C

Sweetspot

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



063A47



43575C



064713



1F2B2E



ADADAD



2E2E2E

Same Dimension

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



063A47



00495C



061947



202324



005063



00B6E3

Inverse Universe

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



47063A



5C0049



473306



242023



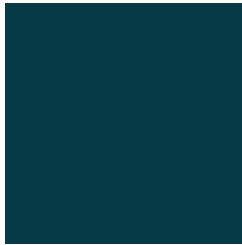
630050



E300B6

Previews

White Background



This preview shows how the Hex color 063A47 looks on a white background.

Color Contrast Check

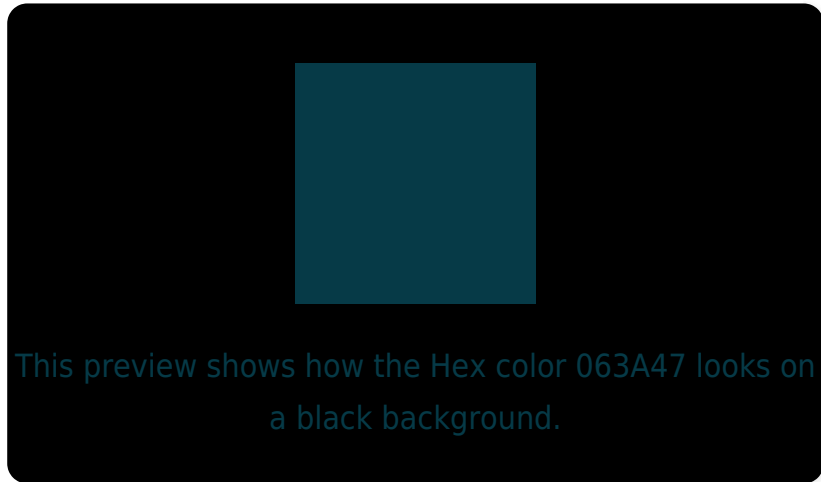
Large Text (above 18pt) WCAG AA ✓ Pass

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

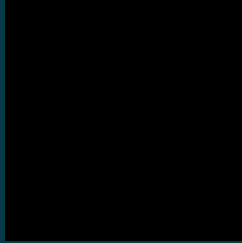
Any Text WCAG AA × Fail

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 063A47 Background



This preview shows how black text looks on a background with the Hex color 063A47.



This preview shows how white text looks on a background with the Hex color 063A47.

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
063A47

Protanopia
313443

Deuteranopia
2F3448

Trichromacy



Original Color
063A47

Protanomaly
213644

Deuteranomaly
203648

Monochromacy



Original Color
063A47

Achromatopsia
2C2C2C

Achromatomaly
1E3136

CSS Examples

Text

The CSS property to change the color of the text to Hex 063A47 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 #063A47 looks like.

```
.text, #text, p{  
    color:#063A47  
}
```

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 #063A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #063A47
}
```

Border

The CSS property to change the border of an element to Hex 063A47 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
#063A47 }
```

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

```
.border{ border-color:#063A47 }
```

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

Here you see how a box with a 4 pixel #063A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #063A47; -webkit-box-shadow:4px 4px  
4px 4px #063A47; box-shadow:4px 4px 4px  
4px #063A47 }
```

Background

The CSS property to change the background color of an element to Hex 063A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#063A47 }
```

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

```
.background{ background-color:#063A47 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor