

Converting Colors

Hex(063857)

Have a look what the booklet for
Hex(063857) contains.

Hex(063857)	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>	29

Color

Hex(063857)

Conversions

Conversions Part 1

Format	Color
Hex	063857
RGB	6, 56, 87
RGB Percent	2%, 22%, 34%
CMY	0.9765, 0.7804, 0.6588
CMYK	0.93, 0.36, 0.00, 0.66
HSL	203°, 87%, 18%
HSV	203°, 93%, 34%
XYZ	3.2096, 3.5552, 9.5339
YIQ	44.5840, -39.7510, -0.9590

Conversions

Conversions Part 2

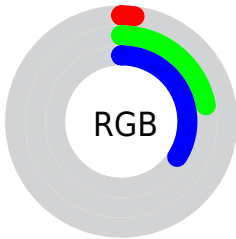
Format	Color
RYB	6, 37, 87
Decimal	407639
CIELab	22.14, -2.80, -23.05
CIELCh	22, 23.217, 263.082
Yxy	3.5552, 0.1969, 0.2181
Android (android.graphics.Color)	4278597719 (0xFF063857)
YUV	44.5840, 20.9111, -33.8382
Hunter-Lab	18.8552, -2.6119, -16.7806

Details

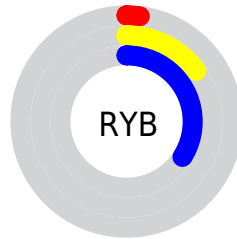
The Hex color **063857** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **572506**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **426789**, and **000C2A** is the 20% darker color. If you saturate the color by 10%, you get **003657**, and if you desaturate by 10%, it is **0F3B57**.

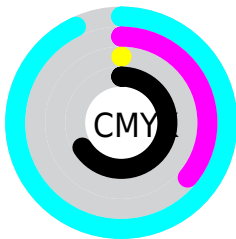
Distribution



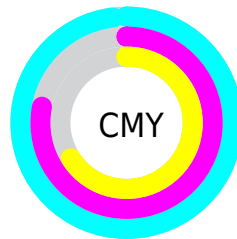
- Red (2%)
- Green (22%)
- Blue (34%)



- Red (2%)
- Yellow (15%)
- Blue (34%)



- Cyan (93%)
- Magenta (36%)
- Yellow (0%)
- Black (66%)



- Cyan (98%)
- Magenta (78%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 063857 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 063857 by changing the saturation by 10% instead.

063857

063857

FFFFFF

002340

426789

000C2A

5C80A3

000114

769ABF

000000

91B4DA

ADD0F7

C9ECFF

E5FFFF

063857

063857

■ 003657

■ 0F3B57

■ 173F57

■ 204257

■ 294557

■ 324957

■ 3A4C57

■ 434F57

■ 4C5357

■ 545657

Harmonies

Analogous

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



003C50



063857



303255

Triad

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



063857



552728



1D3C20

Complementary

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



063857



572506

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.



323814



063857



4F2C1A

Square

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



063857



53273A



423312



003D30

Rectangle

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



063857



402D4E



423312



253B1B

Sweetspot

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



063857



516470



065724



253138



B8B8B8



383838

Same Dimension

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



063857



004570



061157



272A2B



00426B



0091EB

Inverse Universe

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



570638



700045



574C06



2B272A



6B0042



EB0091

Previews

White Background



This preview shows how the Hex color 063857 looks on a white background.

Color Contrast Check

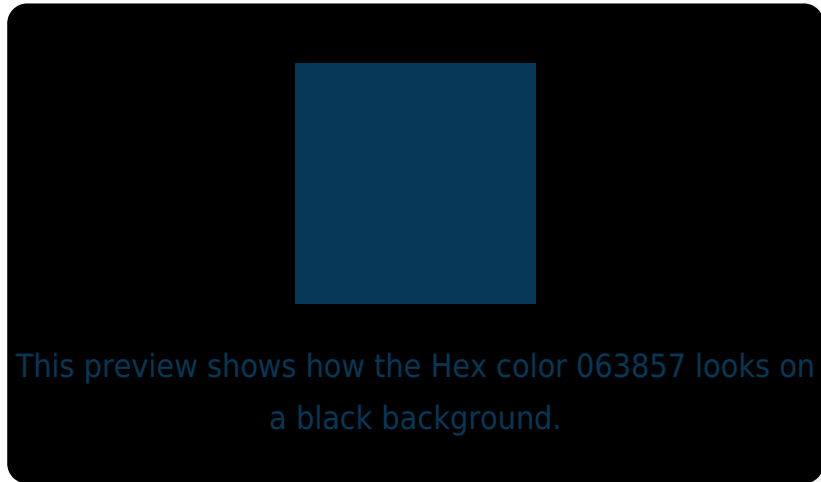
Large Text (above 18pt) WCAG AA ✓ Pass

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

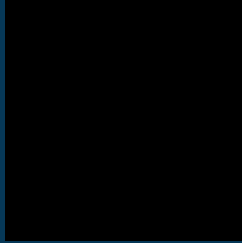
Any Text WCAG AA × Fail

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 063857 Background



This preview shows how black text looks on a background with the Hex color 063857.



This preview shows how white text looks on a background with the Hex color 063857.

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
063857

Protanopia
2A3454

Deuteranopia
203658



Tritanopia
003B40

Trichromacy



Original Color
063857

Protanomaly
1D3555

Deuteranomaly
173758

Tritanomaly
023A48

Monochromacy



Original Color
063857

Achromatopsia
2D2D2D

Achromatomaly
1F313C

CSS Examples

Text

The CSS property to change the color of the text to Hex 063857 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 #063857 looks like.

```
.text, #text, p{  
    color:#063857  
}
```

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 #063857 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #063857  
}
```

Border

The CSS property to change the border of an element to Hex 063857 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  
#063857 }
```

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

```
.border{ border-color:#063857 }
```

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

Here you see how a box with a 4 pixel #063857 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #063857; -webkit-box-shadow:4px 4px  
4px 4px #063857; box-shadow:4px 4px 4px  
4px #063857 }
```

Background

The CSS property to change the background color of an element to Hex 063857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#063857 }
```

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

```
.background{ background-color:#063857 }
```

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