

# Converting Colors

Hex(063443)

Have a look what the booklet for  
Hex(063443) contains.

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# Color

Hex(063443)

# Conversions

## Conversions Part 1

Format	Color
Hex	063443
RGB	6, 52, 67
RGB Percent	2%, 20%, 26%
CMY	0.9765, 0.7961, 0.7373
CMYK	0.91, 0.22, 0.00, 0.74
HSL	195°, 84%, 14%
HSV	195°, 91%, 26%
XYZ	2.3162, 2.8999, 5.7479
YIQ	39.9560, -32.2310, -5.0870

# Conversions

## Conversions Part 2

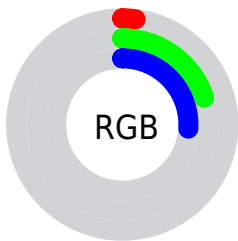
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 32, 67
Decimal	406595
CIELab	19.64, -8.65, -13.58
CIELCh	20, 16.103, 237.492
Yxy	2.8999, 0.2113, 0.2645
Android (android.graphics.Color)	4278596675 (0xFF063443)
YUV	39.9560, 13.3327, -29.7794
Hunter-Lab	17.0292, -5.5227, -8.0916

# Details

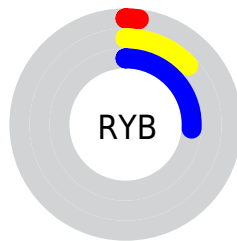
The Hex color **063443** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **431506**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **3C6273**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **003343**, and if you desaturate by 10%, it is **0D3643**.

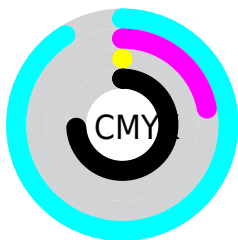
# Distribution



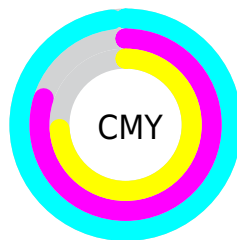
- Red (2%)
- Green (20%)
- Blue (26%)



- Red (2%)
- Yellow (13%)
- Blue (26%)



- Cyan (91%)
- Magenta (22%)
- Yellow (0%)
- Black (74%)



- Cyan (98%)
- Magenta (80%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 063443 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 063443 by changing the saturation by 10% instead.



063443

063443

F9FFFF

001F2D

3C6273

000119

557B8D

000000

6F95A7

89B0C2

A4CBDE

C0E7FB

DCFFFF

063443

063443

■ 003343

■ 0D3643

■ 133743

■ 1A3943

■ 213B43

■ 283C43

■ 2E3E43

■ 354043

■ 3C4143

■ 424343

# Harmonies

## Analogous

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



00363A



063443



1C3147

# Triad

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



063443



452631



2C321A

# Complementary

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



063443



431506

# 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.



382E18



063443



462725

# Square

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



063443



3D293C



412A1C



1E3523

# Rectangle

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



063443



2A2E46



412A1C



303119



# Sweetspot

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



063443



3F5157



064314



1D282B



ABABAB



2B2B2B



# Same Dimension

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



063443



004157



061643



1E2021



004961



00A9E0



# Inverse Universe

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



430634



570041



433306



211E20



610049

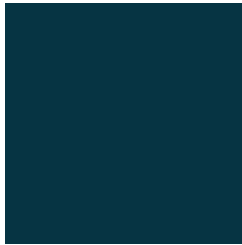


E000A9



# Previews

## White Background



This preview shows how the Hex color 063443 looks on a white background.

## Color Contrast Check

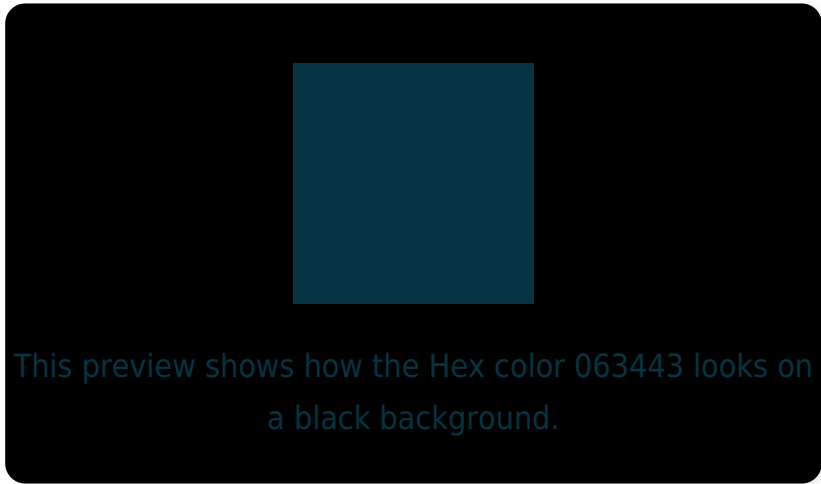
Large Text (above 18pt) WCAG AA ✓ Pass

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

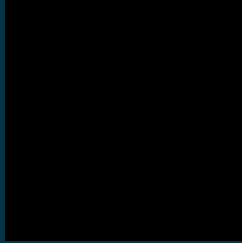
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

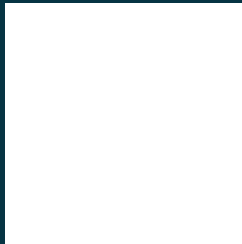
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 063443 Background



This preview shows how black text looks on a background with the Hex color 063443.



This preview shows how white text looks on a background with the Hex color 063443.

# 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**  
063443

**Protanopia**  
2B2F3F

**Deuteranopia**  
282F44

# Trichromacy

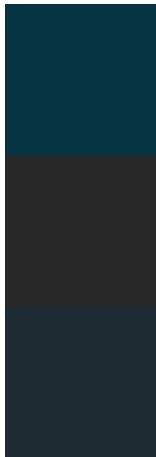


**Original Color**  
063443

**Protanomaly**  
1E3140

**Deuteranomaly**  
1C3144

# Monochromacy



**Original Color**  
063443

**Achromatopsia**  
282828

**Achromatomaly**  
1C2C32

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 063443 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 #063443 looks like.

```
.text, #text, p{  
    color:#063443  
}
```

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 #063443 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #063443
}
```

## Border

The CSS property to change the border of an element to Hex 063443 is called "border". The border property can be set on classes, ids or directly on the HTML element.

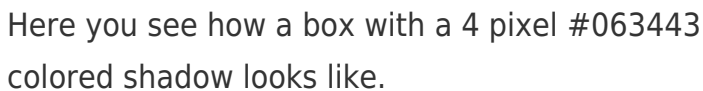
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#063443 }
```

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

```
.border{ border-color:#063443 }
```

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



Here you see how a box with a 4 pixel #063443 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #063443; -webkit-box-shadow:4px 4px  
4px 4px #063443; box-shadow:4px 4px 4px  
4px #063443 }
```

# Background

The CSS property to change the background color of an element to Hex 063443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#063443 }
```

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

```
.background{ background-color:#063443 }
```

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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