

Converting Colors

Hex(083649)

Have a look what the booklet for
Hex(083649) contains.

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Color

Hex(083649)

Conversions

Conversions Part 1

Format	Color
Hex	083649
RGB	8, 54, 73
RGB Percent	3%, 21%, 29%
CMY	0.9686, 0.7882, 0.7137
CMYK	0.89, 0.26, 0.00, 0.71
HSL	198°, 80%, 16%
HSV	198°, 89%, 29%
XYZ	2.6219, 3.1710, 6.7772
YIQ	42.4120, -33.5150, -3.8430

Conversions

Conversions Part 2

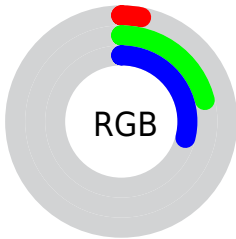
Format	Color
R _Y B	8, 35, 73
Decimal	538185
CIE Lab	20.72, -7.18, -15.96
CIE LCh	21, 17.500, 245.766
Yxy	3.1710, 0.2086, 0.2523
Android (android.graphics.Color)	4278728265 (0xFF083649)
YUV	42.4120, 15.0799, -30.1793
Hunter-Lab	17.8073, -4.8808, -10.0998

Details

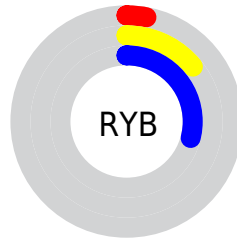
The Hex color **083649** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **491B08**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **3F657A**, and **00071E** is the 20% darker color. If you saturate the color by 10%, you get **013449**, and if you desaturate by 10%, it is **0F3849**.

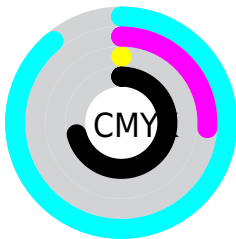
Distribution



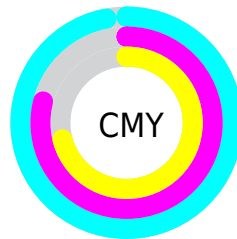
- Red (3%)
- Green (21%)
- Blue (29%)



- Red (3%)
- Yellow (14%)
- Blue (29%)



- Cyan (89%)
- Magenta (26%)
- Yellow (0%)
- Black (71%)



- Cyan (97%)
- Magenta (79%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 083649 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 083649 by changing the saturation by 10% instead.

083649

083649

FDFFF

002132

3F657A

00071E

587E93

000000

7297AE

8DB2CA

A8CEE6

C3EAFF

E0FFFF

083649

083649

■ 013449

■ 0F3849

■ 003449

■ 173A49

■ 1E3C49

■ 253F49

■ 2D4149

■ 344349

■ 3B4549

■ 424749

■ 4A4949

Harmonies

Analogous

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



003840



083649



23324B

Triad

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



083649



4A2830



2A361C

Complementary

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



083649



491B08

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.



383218



083649



492923

Square

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



083649



44293D



432D1B



1A3827

Rectangle

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



083649



312F49



432D1B



2F341A

Sweetspot

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



083649



45575E



08491A



212C30



B0B0B0



303030

Same Dimension

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



083649



00435E



081649



202324



004663



00A1E3

Inverse Universe

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



490836



5E0043



493B08



242023



630046



E300A1

Previews

White Background



This preview shows how the Hex color 083649 looks on a white background.

Color Contrast Check

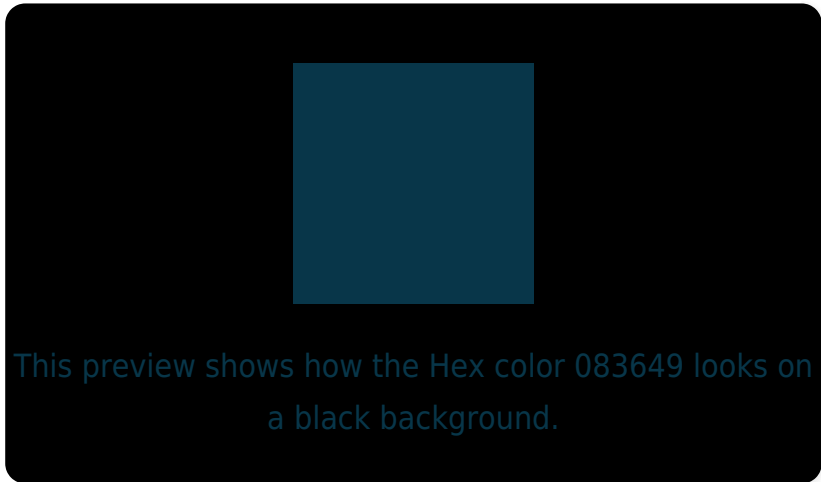
Large Text (above 18pt) WCAG AA ✓ Pass

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

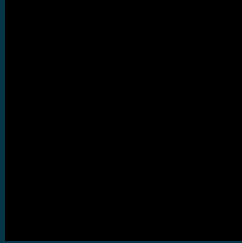
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

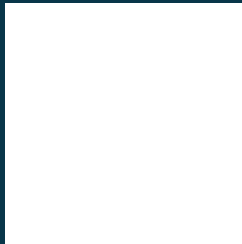
Any Text WCAG AAA × Fail

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

Hex 083649 Background



This preview shows how black text looks on a background with the Hex color 083649.



This preview shows how white text looks on a background with the Hex color 083649.

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
083649

Protanopia
2C3145

Deuteranopia
28324A

Trichromacy



Original Color

083649

Protanomaly

1F3346

Deuteranomaly

1C334A

Tritanomaly

033741

Monochromacy



Original Color

083649

Achromatopsia

2A2A2A

Achromatomaly

1E2E35

CSS Examples

Text

The CSS property to change the color of the text to Hex 083649 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 #083649 looks like.

```
.text, #text, p{  
    color:#083649  
}
```

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 #083649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #083649
}
```

Border

The CSS property to change the border of an element to Hex 083649 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
#083649 }
```

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

```
.border{ border-color:#083649 }
```

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

Here you see how a box with a 4 pixel #083649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #083649; -webkit-box-shadow:4px 4px  
4px 4px #083649; box-shadow:4px 4px 4px  
4px #083649 }
```

Background

The CSS property to change the background color of an element to Hex 083649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#083649 }
```

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

```
.background{ background-color:#083649 }
```

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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