

# Converting Colors

Hex(07343F)

Have a look what the booklet for  
Hex(07343F) contains.

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# Color

Hex(07343F)

# Conversions

## Conversions Part 1

Format	Color
Hex	07343F
RGB	7, 52, 63
RGB Percent	3%, 20%, 25%
CMY	0.9725, 0.7961, 0.7529
CMYK	0.89, 0.17, 0.00, 0.75
HSL	192°, 80%, 14%
HSV	192°, 89%, 25%
XYZ	2.2128, 2.8600, 5.1380
YIQ	39.7990, -30.3510, -6.1190

# Conversions

## Conversions Part 2

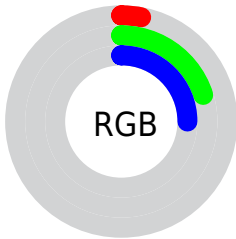
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	7, 32, 63
Decimal	472127
CIE <sub>Lab</sub>	19.47, -10.14, -11.11
CIE <sub>LCh</sub>	19, 15.039, 227.625
Yxy	2.8600, 0.2167, 0.2801
Android (android.graphics.Color)	4278662207 (0xFF07343F)
YUV	39.7990, 11.4381, -28.7647
Hunter-Lab	16.9116, -6.2394, -6.1752

# Details

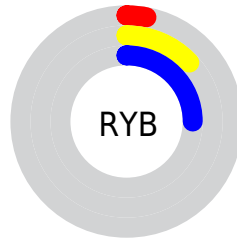
The Hex color **07343F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3F1207**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **3C636F**, and **000115** is the 20% darker color. If you saturate the color by 10%, you get **01333F**, and if you desaturate by 10%, it is **0D353F**.

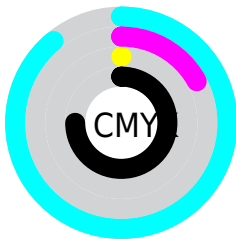
# Distribution



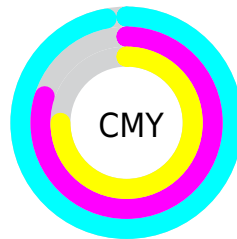
- Red (3%)
- Green (20%)
- Blue (25%)



- Red (3%)
- Yellow (13%)
- Blue (25%)



- Cyan (89%)
- Magenta (17%)
- Yellow (0%)
- Black (75%)



- Cyan (97%)
- Magenta (80%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 07343F 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 07343F by changing the saturation by 10% instead.




 07343F

 07343F

 F8FFFF

 001F29

 3C636F

 000115

 557B88

 000000

 6E95A2


 89B0BD

 A3CBD9

 BFE8F6

 DBFFFF

 07343F

 07343F

■ 01333F

■ 0D353F

■ 00333F

■ 14363F

■ 1A383F

■ 20393F

■ 273A3F

■ 2D3B3F

■ 333D3F

■ 393E3F

■ 403F3F

# Harmonies

## Analogous

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



083535



07343F



183244

# Triad

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



07343F



422734



30311A

# Complementary

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



07343F



3F1207

# 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.



3A2D1A



07343F



452729

# Square

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



07343F



382A3E



42291F



243320

# Rectangle

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



07343F



242F45



42291F



342F19



# Sweetspot

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



07343F



3C4D52



073F11



1C2629



A8A8A8



292929



# Same Dimension

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



07343F



004252



07193F



1C1E1F



004C5E



00B2DE



# Inverse Universe

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



3F0734



520042



3F2D07



1F1C1E



5E004C

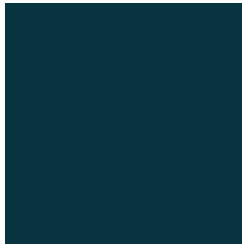


DE00B2



# Previews

## White Background



This preview shows how the Hex color 07343F looks on a white background.

## Color Contrast Check

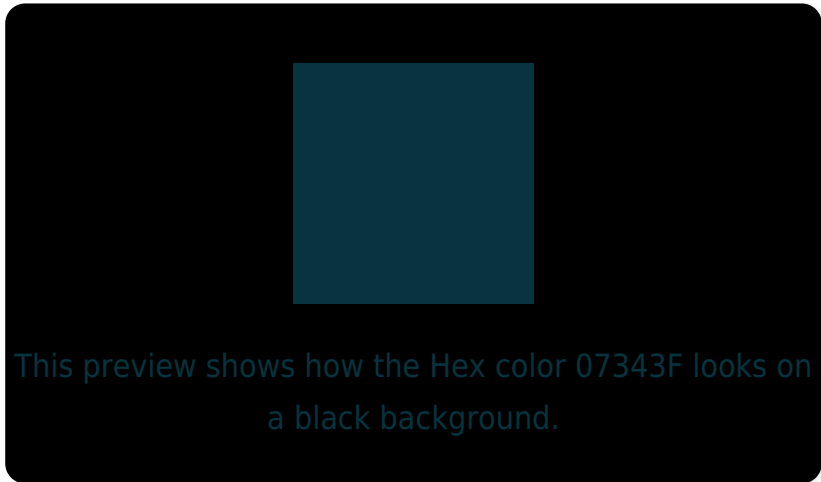
Large Text (above 18pt) WCAG AA ✓ Pass

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

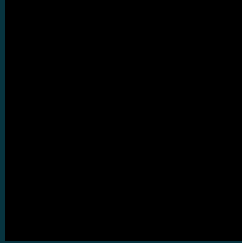
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

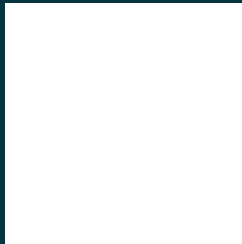
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 07343F Background



This preview shows how black text looks on a background with the Hex color 07343F.



This preview shows how white text looks on a background with the Hex color 07343F.

# 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



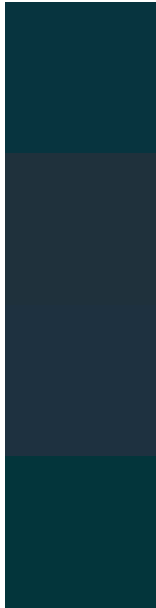
**Original Color**  
07343F

**Protanopia**  
2C2F3B

**Deuteranopia**  
2B2F40



# Trichromacy



**Original Color**  
07343F

**Protanomaly**  
1F313C

**Deuteranomaly**  
1E3140

**Tritanomaly**  
03353B

# Monochromacy



**Original Color**  
07343F

**Achromatopsia**  
282828

**Achromatomaly**  
1C2C30

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07343F 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 #07343F looks like.

```
.text, #text, p{  
    color:#07343F  
}
```

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 #07343F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07343F
}
```

## Border

The CSS property to change the border of an element to Hex 07343F 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".

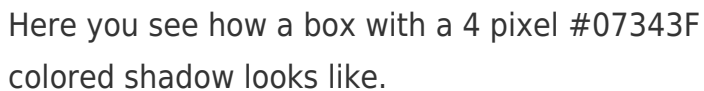
```
.border, #border, table{ border:4px solid
#07343F }
```

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

```
.border{ border-color:#07343F }
```

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

Here you see how a box with a 4 pixel #07343F colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07343F; -webkit-box-shadow:4px 4px  
4px 4px #07343F; box-shadow:4px 4px 4px  
4px #07343F }
```

# Background

The CSS property to change the background color of an element to Hex 07343F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07343F }
```

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

```
.background{ background-color:#07343F }
```

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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