

# Converting Colors

Hex(07344E)

Have a look what the booklet for  
Hex(07344E) contains.

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# Color

Hex(07344E)

# Conversions

## Conversions Part 1

Format	Color
Hex	07344E
RGB	7, 52, 78
RGB Percent	3%, 20%, 31%
CMY	0.9725, 0.7961, 0.6941
CMYK	0.91, 0.33, 0.00, 0.69
HSL	202°, 84%, 17%
HSV	202°, 91%, 31%
XYZ	2.6908, 3.0512, 7.6549
YIQ	41.5090, -35.1660, -1.4540

# Conversions

## Conversions Part 2

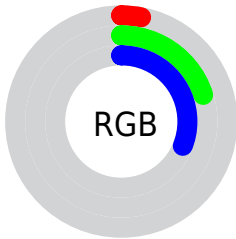
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	7, 35, 78
Decimal	472142
CIE Lab	20.25, -3.85, -20.05
CIE LCh	20, 20.415, 259.120
Yxy	3.0512, 0.2009, 0.2278
Android (android.graphics.Color)	4278662222 (0xFF07344E)
YUV	41.5090, 17.9901, -30.2644
Hunter-Lab	17.4677, -3.0720, -13.7552

# Details

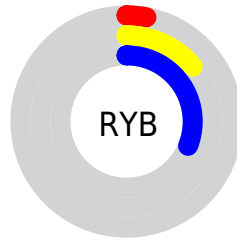
The Hex color **07344E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4E2107**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **40627F**, and **000422** is the 20% darker color. If you saturate the color by 10%, you get **00314E**, and if you desaturate by 10%, it is **0F374E**.

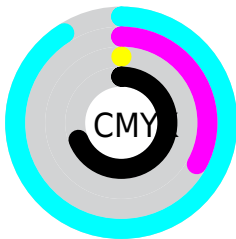
# Distribution



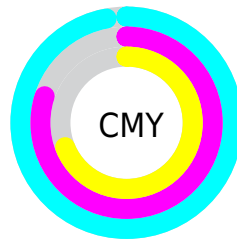
- Red (3%)
- Green (20%)
- Blue (31%)



- Red (3%)
- Yellow (14%)
- Blue (31%)



- Cyan (91%)
- Magenta (33%)
- Yellow (0%)
- Black (69%)



- Cyan (97%)
- Magenta (80%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 07344E 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 07344E by changing the saturation by 10% instead.



07344E

07344E

FEFFFF

001F37

40627F

000422

597B99

000008

7395B4

000000

8EAFD0

A9CBEC

C5E7FF

E1FFFF

07344E

07344E

■ 00314E

■ 0F374E

■ 173A4E

■ 1E3D4E

■ 263F4E

■ 2E424E

■ 36454E

■ 3E484E

■ 454B4E

■ 4D4E4E

# Harmonies

## Analogous

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



003747



07344E



292F4D

# Triad

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



07344E



4D2528



1F361D

# Complementary

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



07344E



4E2107

# 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.



303314



07344E



49291B

# Square

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



07344E



4A2537



3F2E13



05382B

# Rectangle

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



07344E



382B48



3F2E13



253519



# Sweetspot

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



07344E



4A5C66



074E20



232D33



B3B3B3



333333



# Same Dimension

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



07344E



004166



07124E



222526



0091E6

# Inverse Universe

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



4E0734



660041



4E4307



262225



E60091

# Previews

## White Background



This preview shows how the Hex color 07344E looks on a white background.

## Color Contrast Check

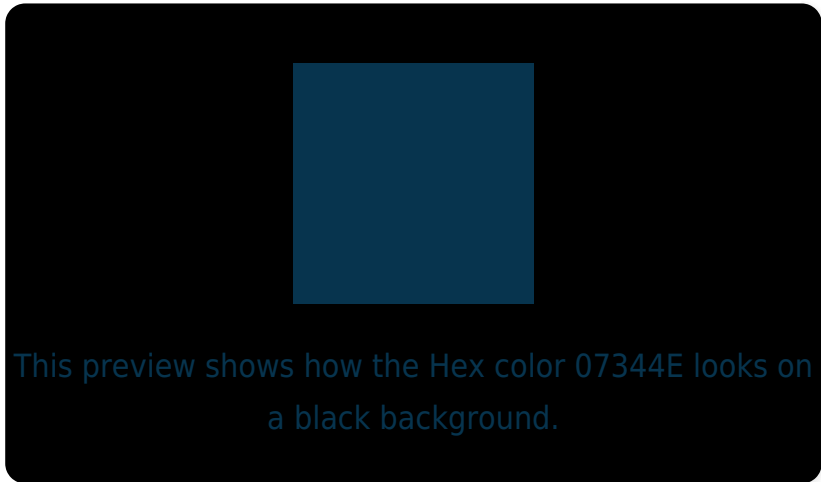
Large Text (above 18pt) WCAG AA ✓ Pass

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

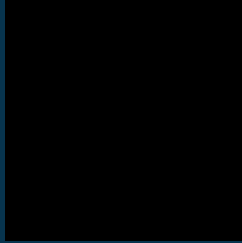
Any Text WCAG AA × Fail

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 07344E Background



This preview shows how black text looks on a background with the Hex color 07344E.



This preview shows how white text looks on a background with the Hex color 07344E.

# 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**  
07344E

**Protanopia**  
28304B

**Deuteranopia**  
20314F





**Tritanopia**  
00373B

# Trichromacy



**Original Color**  
07344E

**Protanomaly**  
1C314C

**Deuteranomaly**  
17324F

**Tritanomaly**  
033642

# Monochromacy



**Original Color**  
07344E

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
1D2E37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07344E 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 #07344E looks like.

```
.text, #text, p{  
    color:#07344E  
}
```

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 #07344E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07344E
}
```

## Border

The CSS property to change the border of an element to Hex 07344E is called "border". The border property can be set on classes, ids or directly on the HTML element.

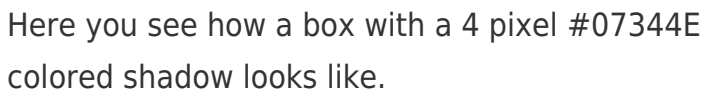
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#07344E }
```

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

```
.border{ border-color:#07344E }
```

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



Here you see how a box with a 4 pixel #07344E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07344E; -webkit-box-shadow:4px 4px  
4px 4px #07344E; box-shadow:4px 4px 4px  
4px #07344E }
```

# Background

The CSS property to change the background color of an element to Hex 07344E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07344E }
```

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

```
.background{ background-color:#07344E }
```

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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