

Converting Colors

Hex(16473E)

Have a look what the booklet for
Hex(16473E) contains.

Hex(16473E)	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(16473E)

Conversions

Conversions Part 1

Format	Color
Hex	16473E
RGB	22, 71, 62
RGB Percent	9%, 28%, 24%
CMY	0.9137, 0.7216, 0.7569
CMYK	0.69, 0.00, 0.13, 0.72
HSL	169°, 53%, 18%
HSV	169°, 69%, 28%
XYZ	3.4536, 5.0249, 5.3453
YIQ	55.3230, -26.3150, -13.1870

Conversions

Conversions Part 2

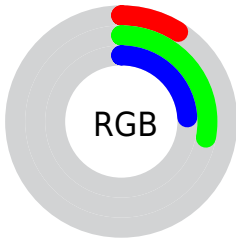
Format	Color
RYB	22, 49, 71
Decimal	1460030
CIELab	26.81, -18.90, 0.57
CIElCh	27, 18.907, 178.271
Yxy	5.0249, 0.2498, 0.3635
Android (android.graphics.Color)	4279650110 (0xFF16473E)
YUV	55.3230, 3.2918, -29.2243
Hunter-Lab	22.4162, -11.7272, 1.5532

Details

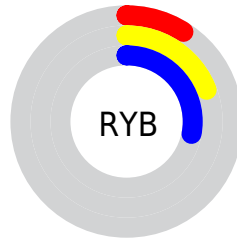
The Hex color **16473E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47161F**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **48786D**, and **001D14** is the 20% darker color. If you saturate the color by 10%, you get **0F473D**, and if you desaturate by 10%, it is **1D473F**.

Distribution



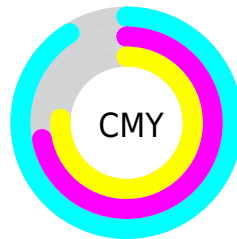
- Red (9%)
- Green (28%)
- Blue (24%)



- Red (9%)
- Yellow (19%)
- Blue (28%)



- Cyan (69%)
- Magenta (0%)
- Yellow (13%)
- Black (72%)



- Cyan (91%)
- Magenta (72%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16473E 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 16473E by changing the saturation by 10% instead.

■ 16473E

■ 16473E

FFFFFF

■ 003028

■ 48786D

■ 001D14

■ 619287

■ 000000

■ 7BACA1

■ 95C8BC

■ B1E4D8

■ CCFFF4

■ E9FFFF

■ 16473E

■ 16473E

■ 0F473D

■ 1D473F

■ 08473B

■ 244741

■ 01473A

■ 2B4742

■ 00473A

■ 324743

■ 3A4745

■ 414746

■ 484747

■ 4F4748

■ 56474A

Harmonies

Analogous

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



2A4630



16473E



03474D

Triad

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



16473E



403C59



553927

Complementary

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



16473E



47161F

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.



5B3532



16473E



51374F

Square

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



16473E



29415C



5A3441



4A3E22

Rectangle

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



16473E



064654



5A3441



58382A

Sweetspot

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



16473E



495C58



204716



222E2C



ADADAD



2E2E2E

Same Dimension

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



16473E



105C4E



163847



202423



006351



00E3B9

Inverse Universe

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



47161F



5C101E



472516



242021



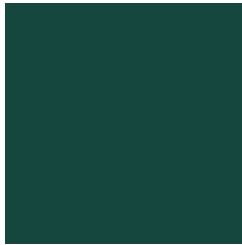
630012



E3002A

Previews

White Background



This preview shows how the Hex color 16473E looks on a white background.

Color Contrast Check

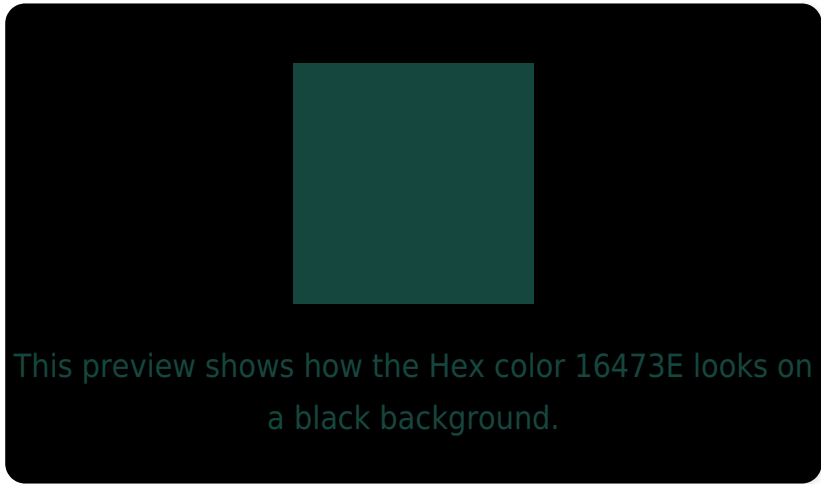
Large Text (above 18pt) WCAG AA ✓ Pass

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

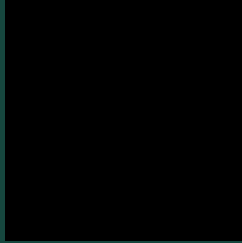
Any Text WCAG AA × Fail

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 16473E Background



This preview shows how black text looks on a background with the Hex color 16473E.



This preview shows how white text looks on a background with the Hex color 16473E.

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](#).

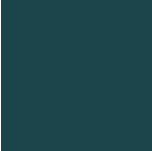
Dichromacy



Original Color
16473E

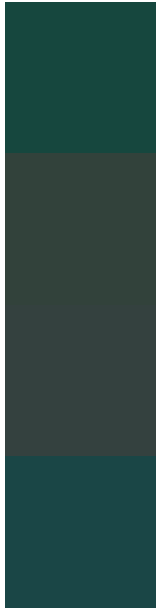
Protanopia
423F3A

Deuteranopia
453D40



Tritanopia
1C454B

Trichromacy



Original Color
16473E

Protanomaly
32423B

Deuteranomaly
34413F

Tritanomaly
1A4646

Monochromacy



Original Color
16473E

Achromatopsia
373737

Achromatomaly
2B3D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 16473E 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 #16473E looks like.

```
.text, #text, p{  
    color:#16473E  
}
```

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 #16473E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16473E
}
```

Border

The CSS property to change the border of an element to Hex 16473E 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".

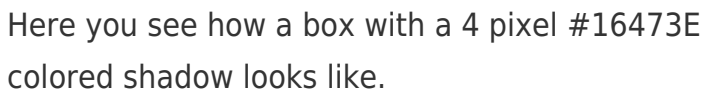
```
.border, #border, table{ border:4px solid
#16473E }
```

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

```
.border{ border-color:#16473E }
```

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

Here you see how a box with a 4 pixel #16473E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16473E; -webkit-box-shadow:4px 4px  
4px 4px #16473E; box-shadow:4px 4px 4px  
4px #16473E }
```

Background

The CSS property to change the background color of an element to Hex 16473E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16473E }
```

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

```
.background{ background-color:#16473E }
```

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