

Converting Colors

Hex(16493D)

Have a look what the booklet for
Hex(16493D) contains.

Hex(16493D)	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(16493D)

Conversions

Conversions Part 1

Format	Color
Hex	16493D
RGB	22, 73, 61
RGB Percent	9%, 29%, 24%
CMY	0.9137, 0.7137, 0.7608
CMYK	0.70, 0.00, 0.16, 0.71
HSL	166°, 54%, 19%
HSV	166°, 70%, 29%
XYZ	3.5557, 5.2726, 5.2452
YIQ	56.3830, -26.5440, -14.5440

Conversions

Conversions Part 2

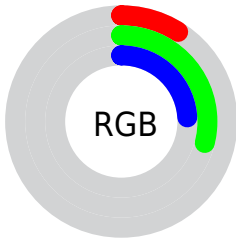
Format	Color
R_YB	22, 51, 73
Decimal	1460541
CIE Lab	27.50, -20.27, 2.22
CIE LCh	27, 20.387, 173.737
Yxy	5.2726, 0.2527, 0.3746
Android (android.graphics.Color)	4279650621 (0xFF16493D)
YUV	56.3830, 2.2762, -30.1539
Hunter-Lab	22.9621, -12.5426, 2.5300

Details

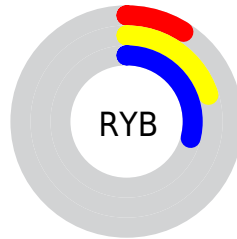
The Hex color **16493D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **491622**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **487A6C**, and **001E13** is the 20% darker color. If you saturate the color by 10%, you get **0F493B**, and if you desaturate by 10%, it is **1D493F**.

Distribution



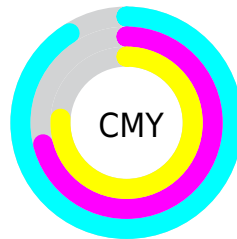
- Red (9%)
- Green (29%)
- Blue (24%)



- Red (9%)
- Yellow (20%)
- Blue (29%)



- Cyan (70%)
- Magenta (0%)
- Yellow (16%)
- Black (71%)



- Cyan (91%)
- Magenta (71%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16493D 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 16493D by changing the saturation by 10% instead.



16493D



16493D

FFFFFF



003227



487A6C



001E13



619486



000000



7BAFA0



96CABB



B1E6D6



CDFFF3



E9FFFF



16493D



16493D

■ 0F493B

■ 1D493F

■ 07493A

■ 254940

■ 004938

■ 2C4942

■ 334944

■ 3B4946

■ 424947

■ 494949

■ 50494B

■ 58494C

Harmonies

Analogous

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



2C472E



16493D



00494D

Triad

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



16493D



3E3E5D



5A3928

Complementary

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



16493D



491622

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.



5F3535



16493D



513854

Square

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



16493D



234360



5D3545



4E3F22

Rectangle

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



16493D



004856



5D3545



5C382C

Sweetspot

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



16493D



4B5E5A



234916



24302E



B0B0B0



303030

Same Dimension

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



16493D



0F5E4C



163C49



202423



00634C



00E3AE

Inverse Universe

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



491622



5E0F22



492316



242021



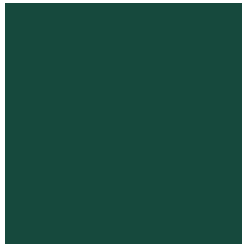
630017



E30035

Previews

White Background



This preview shows how the Hex color 16493D looks on a white background.

Color Contrast Check

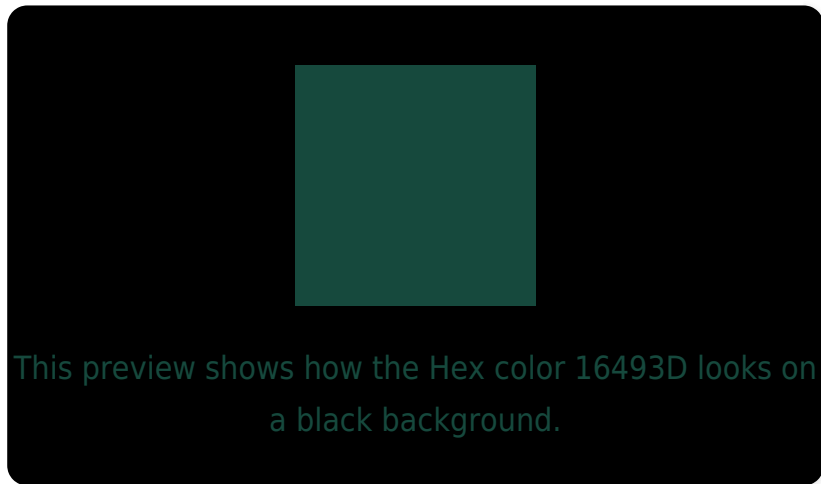
Large Text (above 18pt) WCAG AA ✓ Pass

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

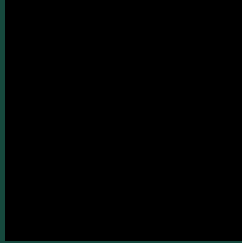
Any Text WCAG AA × Fail

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 16493D Background



This preview shows how black text looks on a background with the Hex color 16493D.



This preview shows how white text looks on a background with the Hex color 16493D.

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
16493D

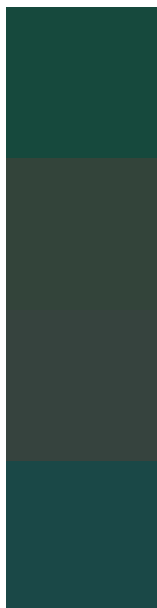
Protanopia
444139

Deuteranopia
483F3F



Tritanopia
1D474D

Trichromacy



Original Color

16493D

Protanomaly

33443A

Deuteranomaly

36433E

Tritanomaly

1A4847

Monochromacy



Original Color

16493D

Achromatopsia

383838

Achromatomaly

2C3E3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 16493D 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 #16493D looks like.

```
.text, #text, p{  
    color:#16493D  
}
```

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 #16493D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16493D
}
```

Border

The CSS property to change the border of an element to Hex 16493D 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
#16493D }
```

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

```
.border{ border-color:#16493D }
```

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

Here you see how a box with a 4 pixel #16493D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16493D; -webkit-box-shadow:4px 4px  
4px 4px #16493D; box-shadow:4px 4px 4px  
4px #16493D }
```

Background

The CSS property to change the background color of an element to Hex 16493D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16493D }
```

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

```
.background{ background-color:#16493D }
```

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