

Converting Colors

Hex(01493A)

Have a look what the booklet for
Hex(01493A) contains.

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Color

Hex(01493A)

Conversions

Conversions Part 1

Format	Color
Hex	01493A
RGB	1, 73, 58
RGB Percent	0%, 29%, 23%
CMY	0.9961, 0.7137, 0.7725
CMYK	0.99, 0.00, 0.21, 0.71
HSL	168°, 97%, 15%
HSV	168°, 99%, 29%
XYZ	3.1588, 5.0770, 4.8165
YIQ	49.7620, -38.0970, -19.9290

Conversions

Conversions Part 2

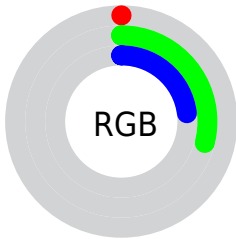
Format	Color
R_{YB}	1, 41, 73
Decimal	84282
CIE Lab	26.95, -24.39, 3.32
CIE LCh	27, 24.613, 172.237
Yxy	5.0770, 0.2420, 0.3890
Android (android.graphics.Color)	4278274362 (0xFF01493A)
YUV	49.7620, 4.0613, -42.7643
Hunter-Lab	22.5323, -14.4077, 3.0988

Details

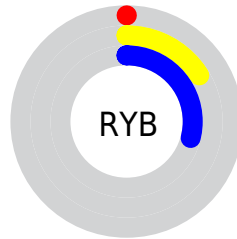
The Hex color **01493A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **490110**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **3D7A69**, and **001F0F** is the 20% darker color. If you saturate the color by 10%, you get **00493A**, and if you desaturate by 10%, it is **08493C**.

Distribution



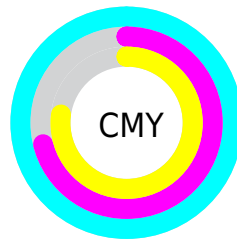
- Red (0%)
- Green (29%)
- Blue (23%)



- Red (0%)
- Yellow (16%)
- Blue (29%)



- Cyan (99%)
- Magenta (0%)
- Yellow (21%)
- Black (71%)




- Cyan (100%)
- Magenta (71%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01493A 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 01493A by changing the saturation by 10% instead.

 01493A

 01493A

 FCFFFF

 003224

 3D7A69

 001F0F

 579482

 000000


 71AF9C


 8BCBB7

 A7E7D3

 C2FFEF

 DFFFFF

 01493A

 01493A

■ 00493A

■ 08493C

■ 10493D

■ 17493F

■ 1E4940

■ 254942

■ 2D4943

■ 344945

■ 3B4946

■ 434948

Harmonies

Analogous

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



274728



01493A



00494D

Triad

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



01493A



393D62



5D3623

Complementary

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



01493A



490110

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.



633132



01493A



523557

Square

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



01493A



104365



603045



4F3D1A

Rectangle

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



01493A



004858



603045



603427

Sweetspot

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



01493A



425E58



114901



1F302D



B0B0B0



303030

Same Dimension

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



01493A



005E4B



013549



202423



00634F



00E3B4

Inverse Universe

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



490110



5E0014



491501



242021



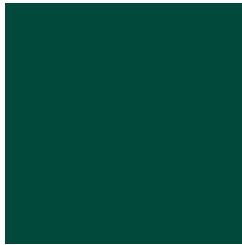
630015



E3002F

Previews

White Background



This preview shows how the Hex color 01493A 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

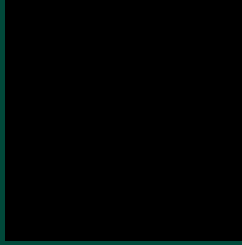
Any Text WCAG AA × Fail

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 01493A Background



This preview shows how black text looks on a background with the Hex color 01493A.



This preview shows how white text looks on a background with the Hex color 01493A.

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](#).

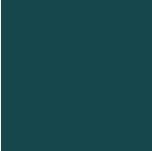
Dichromacy



Original Color
01493A

Protanopia
444035

Deuteranopia
483E3C



Tritanopia
16474C

Trichromacy



Original Color
01493A

Protanomaly
2C4337

Deuteranomaly
2E423B

Tritanomaly
0E4845

Monochromacy



Original Color
01493A

Achromatopsia
323232

Achromatomaly
203A35

CSS Examples

Text

The CSS property to change the color of the text to Hex 01493A 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 #01493A looks like.

```
.text, #text, p{  
    color:#01493A  
}
```

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 #01493A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01493A
}
```

Border

The CSS property to change the border of an element to Hex 01493A 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
#01493A }
```

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

```
.border{ border-color:#01493A }
```

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

Here you see how a box with a 4 pixel #01493A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01493A; -webkit-box-shadow:4px 4px  
4px 4px #01493A; box-shadow:4px 4px 4px  
4px #01493A }
```

Background

The CSS property to change the background color of an element to Hex 01493A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01493A }
```

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

```
.background{ background-color:#01493A }
```

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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