

Converting Colors

Hex(1A513C)

Have a look what the booklet for
Hex(1A513C) contains.

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Color

Hex(1A513C)

Conversions

Conversions Part 1

Format	Color
Hex	1A513C
RGB	26, 81, 60
RGB Percent	10%, 32%, 24%
CMY	0.8980, 0.6824, 0.7647
CMYK	0.68, 0.00, 0.26, 0.68
HSL	157°, 51%, 21%
HSV	157°, 68%, 32%
XYZ	4.1840, 6.4307, 5.2957
YIQ	62.1610, -26.0390, -18.1910

Conversions

Conversions Part 2

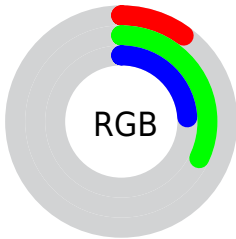
Format	Color
RYB	26, 60, 81
Decimal	1724732
CIELab	30.47, -23.77, 7.12
CIELCh	30, 24.818, 163.321
Yxy	6.4307, 0.2630, 0.4042
Android (android.graphics.Color)	4279914812 (0xFF1A513C)
YUV	62.1610, -1.0654, -31.7132
Hunter-Lab	25.3589, -14.9267, 5.3697

Details

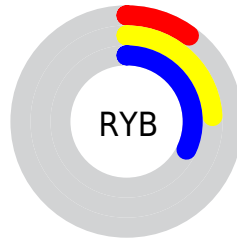
The Hex color **1A513C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **511A2F**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **4D836B**, and **002412** is the 20% darker color. If you saturate the color by 10%, you get **125139**, and if you desaturate by 10%, it is **22513F**.

Distribution



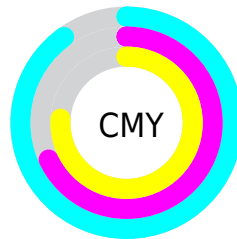
- Red (10%)
- Green (32%)
- Blue (24%)



- Red (10%)
- Yellow (24%)
- Blue (32%)



- Cyan (68%)
- Magenta (0%)
- Yellow (26%)
- Black (68%)



- Cyan (90%)
- Magenta (68%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A513C 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 1A513C by changing the saturation by 10% instead.



1A513C



1A513C

FFFFFF



003A26



4D836B



002412



669D85



000300



80B89F



000000



9BD4BA



B6F0D5



D2FFF2



FFFFFF



1A513C



1A513C

■ 125139

■ 22513F

■ 0A5136

■ 2A5142

■ 025133

■ 325145

■ 005132

■ 3A5148

■ 42514B

■ 4B514F

■ 535152

■ 5B5155

■ 635158

Harmonies

Analogous

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



364E2B



1A513C



005250

Triad

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



1A513C



38476D



693C2E

Complementary

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



1A513C



511A2F

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.



6D3840



1A513C



553F64

Square

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



1A513C



094D6C



663953



5D4323

Rectangle

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



1A513C



00515C



663953



6B3A34

Sweetspot

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



1A513C



546961



2F511A



293631



B5B5B5



363636

Same Dimension

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



1A513C



146948



1A4B51



252927



006941



00E88F

Inverse Universe

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



511A2F



691434



51201A



292526



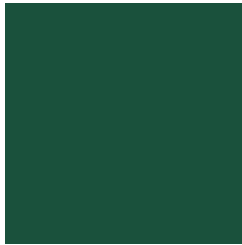
690028



E80059

Previews

White Background



This preview shows how the Hex color 1A513C looks on a white background.

Color Contrast Check

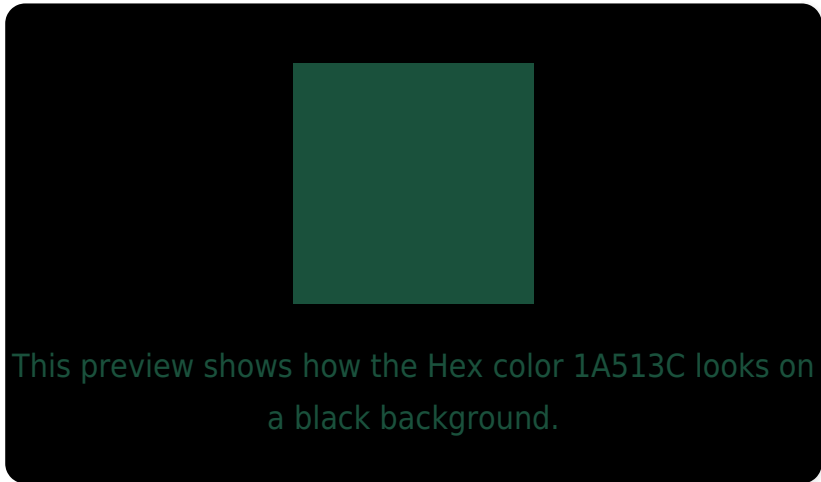
Large Text (above 18pt) WCAG AA ✓ Pass

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

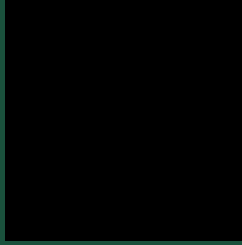
Any Text WCAG AA × Fail

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 1A513C Background



This preview shows how black text looks on a background with the Hex color 1A513C.



This preview shows how white text looks on a background with the Hex color 1A513C.

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
1A513C

Protanopia
4C4737

Deuteranopia
52453F



Tritanopia
244E54

Trichromacy



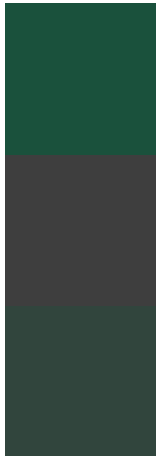
Original Color
1A513C

Protanomaly
3A4B39

Deuteranomaly
3E493E

Tritanomaly
204F4B

Monochromacy



Original Color
1A513C

Achromatopsia
3E3E3E

Achromatomaly
31453D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A513C 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 #1A513C looks like.

```
.text, #text, p{  
    color:#1A513C  
}
```

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 #1A513C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A513C
}
```

Border

The CSS property to change the border of an element to Hex 1A513C 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".

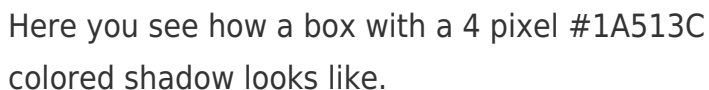
```
.border, #border, table{ border:4px solid
#1A513C }
```

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

```
.border{ border-color:#1A513C }
```

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

Here you see how a box with a 4 pixel #1A513C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A513C; -webkit-box-shadow:4px 4px  
4px 4px #1A513C; box-shadow:4px 4px 4px  
4px #1A513C }
```

Background

The CSS property to change the background color of an element to Hex 1A513C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A513C }
```

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

```
.background{ background-color:#1A513C }
```

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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