

# Converting Colors

Hex(1C473C)

Have a look what the booklet for  
Hex(1C473C) contains.

<b>Hex(1C473C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(1C473C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C473C
RGB	28, 71, 60
RGB Percent	11%, 28%, 24%
CMY	0.8902, 0.7216, 0.7647
CMYK	0.61, 0.00, 0.15, 0.72
HSL	165°, 43%, 19%
HSV	165°, 61%, 28%
XYZ	3.5477, 5.0796, 5.0684
YIQ	56.8890, -22.0970, -12.5370

# Conversions

## Conversions Part 2

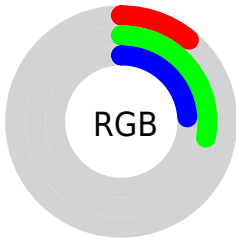
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 53, 71
Decimal	1853244
CIE <sub>Lab</sub>	26.96, -18.07, 2.12
CIE <sub>LCh</sub>	27, 18.199, 173.296
Yxy	5.0796, 0.2590, 0.3709
Android (android.graphics.Color)	4280043324 (0xFF1C473C)
YUV	56.8890, 1.5337, -25.3357
Hunter-Lab	22.5380, -11.3434, 2.4432

# Details

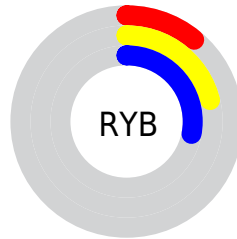
The Hex color **1C473C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **471C27**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **4C786B**, and **001C12** is the 20% darker color. If you saturate the color by 10%, you get **15473A**, and if you desaturate by 10%, it is **23473E**.

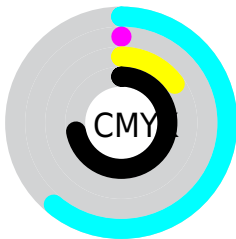
# Distribution



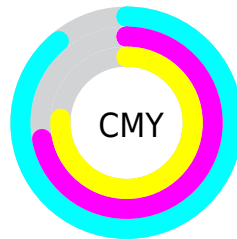
- Red (11%)
- Green (28%)
- Blue (24%)



- Red (11%)
- Yellow (21%)
- Blue (28%)



- Cyan (61%)
- Magenta (0%)
- Yellow (15%)
- Black (72%)



- Cyan (89%)
- Magenta (72%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C473C 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 1C473C by changing the saturation by 10% instead.



■ 1C473C

■ 1C473C

FFFFFF

■ 023026

■ 4C786B

■ 001C12

■ 659284

■ 000000

■ 7FAC9F

■ 99C8B9

■ B5E4D5

■ D1FFF1

■ EDFFFF

■ 1C473C

■ 1C473C

■ 15473A

■ 23473E

■ 0E4738

■ 2A4740

■ 074737

■ 314741

■ 004735

■ 384743

■ 404745

■ 474747

■ 4E4749

■ 55474B

■ 5C474C

# Harmonies

## Analogous

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



2E452F



1C473C



0B474A

# Triad

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



1C473C



3D3D59



56392A

# Complementary

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



1C473C



471C27

# 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.



5B3635



1C473C



4E3850

# Square

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



1C473C



27425B



593543



4C3E24

# Rectangle

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



1C473C



0A4652



593543



58382D



# Sweetspot

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



1C473C



4B5C58



27471C



242E2B



ADADAD



2E2E2E



# Same Dimension

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



1C473C



195C4B



1C3D47



202423



00634A



00E3A9



# Inverse Universe

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



471C27



5C192A



47261C



242021



630019

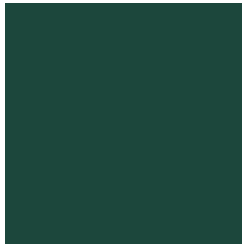


E3003A



# Previews

## White Background



This preview shows how the Hex color 1C473C looks on a white background.

## Color Contrast Check

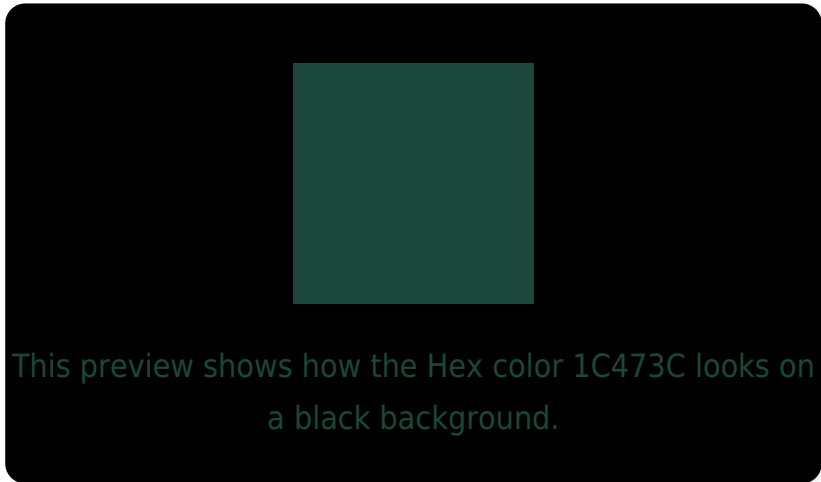
Large Text (above 18pt) WCAG AA ✓ Pass

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

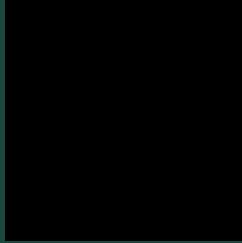
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1C473C Background



This preview shows how black text looks on a background with the Hex color 1C473C.



This preview shows how white text looks on a background with the Hex color 1C473C.

# 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**  
1C473C

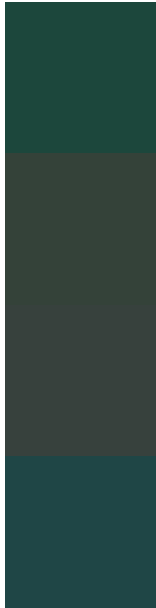
**Protanopia**  
423F38

**Deuteranopia**  
463D3E



**Tritanopia**  
21454B

# Trichromacy



**Original Color**  
1C473C

**Protanomaly**  
344239

**Deuteranomaly**  
37413D

**Tritanomaly**  
1F4646

# Monochromacy



**Original Color**  
1C473C

**Achromatopsia**  
393939

**Achromatomaly**  
2E3E3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C473C 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 #1C473C looks like.

```
.text, #text, p{  
    color:#1C473C  
}
```

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 #1C473C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C473C
}
```

## Border

The CSS property to change the border of an element to Hex 1C473C 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
#1C473C }
```

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

```
.border{ border-color:#1C473C }
```

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

Here you see how a box with a 4 pixel #1C473C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C473C; -webkit-box-shadow:4px 4px  
4px 4px #1C473C; box-shadow:4px 4px 4px  
4px #1C473C }
```

# Background

The CSS property to change the background color of an element to Hex 1C473C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C473C }
```

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

```
.background{ background-color:#1C473C }
```

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