

Converting Colors

Hex(173F3E)

Have a look what the booklet for
Hex(173F3E) contains.

Hex(173F3E)	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(173F3E)

Conversions

Conversions Part 1

Format	Color
Hex	173F3E
RGB	23, 63, 62
RGB Percent	9%, 25%, 24%
CMY	0.9098, 0.7529, 0.7569
CMYK	0.63, 0.00, 0.02, 0.75
HSL	178°, 47%, 17%
HSV	178°, 63%, 25%
XYZ	3.0004, 4.0850, 5.1878
YIQ	50.9260, -23.5190, -8.7910

Conversions

Conversions Part 2

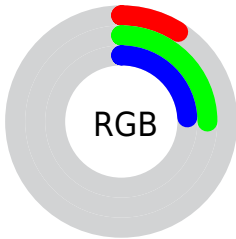
Format	Color
R_{YB}	23, 43, 63
Decimal	1523518
CIE _{Lab}	23.95, -14.18, -3.63
CIE _{LCh}	24, 14.635, 194.343
Yxy	4.0850, 0.2445, 0.3328
Android (android.graphics.Color)	4279713598 (0xFF173F3E)
YUV	50.9260, 5.4595, -24.4911
Hunter-Lab	20.2113, -8.8716, -1.0704

Details

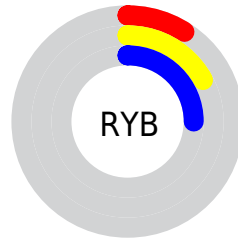
The Hex color **173F3E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3F1718**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **476F6D**, and **001614** is the 20% darker color. If you saturate the color by 10%, you get **113F3E**, and if you desaturate by 10%, it is **1D3F3E**.

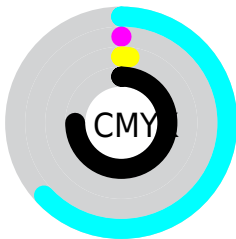
Distribution



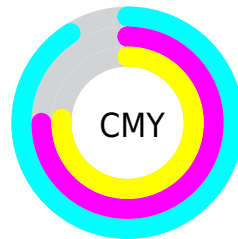
- Red (9%)
- Green (25%)
- Blue (24%)



- Red (9%)
- Yellow (17%)
- Blue (25%)



- Cyan (63%)
- Magenta (0%)
- Yellow (2%)
- Black (75%)



- Cyan (91%)
- Magenta (75%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 173F3E 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 173F3E by changing the saturation by 10% instead.

■ 173F3E

■ 173F3E

FFFFFF

■ 002928

■ 476F6D

■ 001614

■ 608887

■ 000000

■ 7AA3A1

■ 94BEBC

■ AFDAD8

■ CBF6F4

■ E7FFFF

■ 173F3E

■ 173F3E

■ 113F3E

■ 1D3F3E

■ 0A3F3E

■ 243F3E

■ 043F3E

■ 2A3F3E

■ 003F3D

■ 303F3F

■ 373F3F

■ 3D3F3F

■ 433F3F

■ 493F3F

■ 503F3F

Harmonies

Analogous

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



223F33



173F3E



163E48

Triad

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



173F3E



413449



463624

Complementary

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



173F3E



3F1718

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.



4D332A



173F3E



4B313F

Square

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



173F3E



32384E



4F3134



3B3A24

Rectangle

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



173F3E



1D3D4C



4F3134



493525

Sweetspot

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



173F3E



425251



183F17



1F2929



A8A8A8



292929

Same Dimension

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



173F3E



145250



172C3F



1C1F1F



005E5C



00DED8

Inverse Universe

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



3F1718



521415



3F2A17



1F1C1C



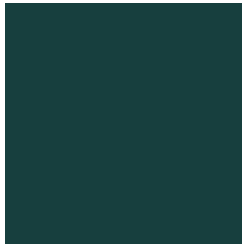
5E0002



DE0006

Previews

White Background



This preview shows how the Hex color 173F3E looks on a white background.

Color Contrast Check

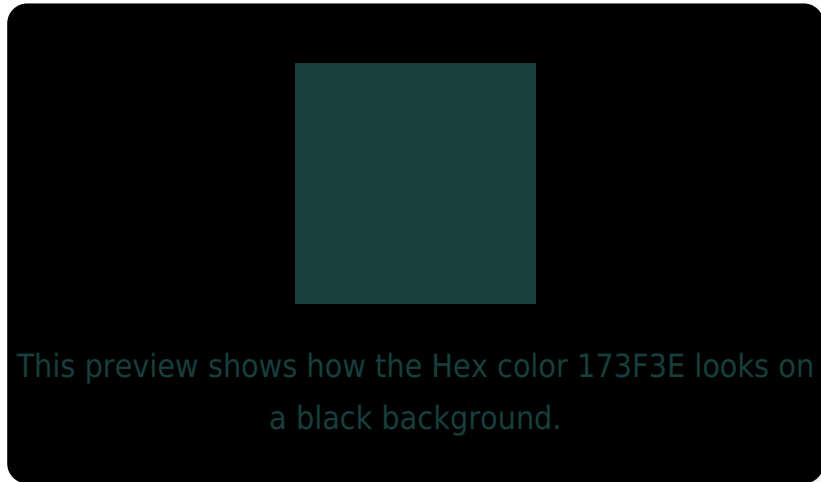
Large Text (above 18pt) WCAG AA ✓ Pass

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

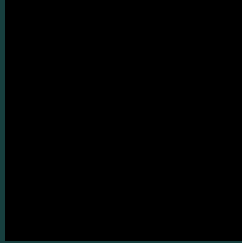
Any Text WCAG AA × Fail

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 173F3E Background



This preview shows how black text looks on a background with the Hex color 173F3E.



This preview shows how white text looks on a background with the Hex color 173F3E.

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](#).

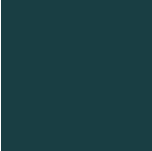
Dichromacy



Original Color
173F3E

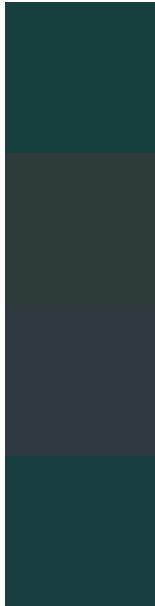
Protanopia
3A393A

Deuteranopia
3B3740



Tritanopia
193E43

Trichromacy



Original Color
173F3E

Protanomaly
2D3B3B

Deuteranomaly
2E3A3F

Tritanomaly
183E41

Monochromacy



Original Color
173F3E

Achromatopsia
333333

Achromatomaly
293737

CSS Examples

Text

The CSS property to change the color of the text to Hex 173F3E 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 #173F3E looks like.

```
.text, #text, p{  
    color:#173F3E  
}
```

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 #173F3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #173F3E
}
```

Border

The CSS property to change the border of an element to Hex 173F3E 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
#173F3E }
```

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

```
.border{ border-color:#173F3E }
```

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

Here you see how a box with a 4 pixel #173F3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #173F3E; -webkit-box-shadow:4px 4px  
4px 4px #173F3E; box-shadow:4px 4px 4px  
4px #173F3E }
```

Background

The CSS property to change the background color of an element to Hex 173F3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#173F3E }
```

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

```
.background{ background-color:#173F3E }
```

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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