

Converting Colors

Hex(173F2F)

Have a look what the booklet for
Hex(173F2F) contains.

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Color

Hex(173F2F)

Conversions

Conversions Part 1

Format	Color
Hex	173F2F
RGB	23, 63, 47
RGB Percent	9%, 25%, 18%
CMY	0.9098, 0.7529, 0.8157
CMYK	0.63, 0.00, 0.25, 0.75
HSL	156°, 47%, 17%
HSV	156°, 63%, 25%
XYZ	2.6439, 3.9424, 3.3109
YIQ	49.2160, -18.7040, -13.4560

Conversions

Conversions Part 2

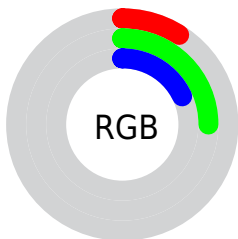
Format	Color
RYB	23, 48, 63
Decimal	1523503
CIELab	23.48, -18.67, 5.64
CIElCh	23, 19.509, 163.184
Yxy	3.9424, 0.2671, 0.3983
Android (android.graphics.Color)	4279713583 (0xFF173F2F)
YUV	49.2160, -1.0925, -22.9914
Hunter-Lab	19.8555, -10.9782, 4.0122

Details

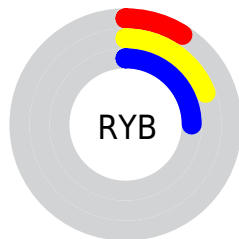
The Hex color **173F2F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3F1727**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **466F5D**, and **001400** is the 20% darker color. If you saturate the color by 10%, you get **113F2C**, and if you desaturate by 10%, it is **1D3F32**.

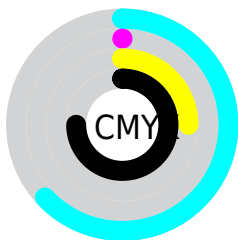
Distribution



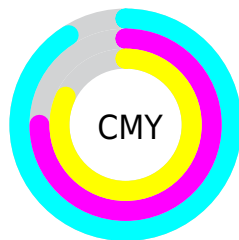
- Red (9%)
- Green (25%)
- Blue (18%)



- Red (9%)
- Yellow (19%)
- Blue (25%)



- Cyan (63%)
- Magenta (0%)
- Yellow (25%)
- Black (75%)



- Cyan (91%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 173F2F 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 173F2F by changing the saturation by 10% instead.

■ 173F2F

■ 173F2F

FFFFFF

■ 00291A

■ 466F5D

■ 001400

■ 5F8975

■ 000000

■ 78A38F

■ 93BEAA

■ ADDAC5

■ C9F6E1

■ E5FFFD

■ 173F2F

■ 173F2F

■ 113F2C

■ 1D3F32

■ 0A3F2A

■ 243F34

■ 043F27

■ 2A3F37

■ 003F26

■ 303F39

■ 373F3C

■ 3D3F3E

■ 433F41

■ 493F43

■ 503F46

Harmonies

Analogous

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



2B3D22



173F2F



00403E

Triad

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



173F2F



2D3754



512F25

Complementary

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



173F2F



3F1727

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.



542C32



173F2F



42324D

Square

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



173F2F



0F3C54



4F2D41



48341C

Rectangle

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



173F2F



003F47



4F2D41



532E29

Sweetspot

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



173F2F



42524B



273F17



1F2925



A8A8A8



292929

Same Dimension

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



173F2F



145239



173B3F



1C1F1D



005E39



00DE85

Inverse Universe

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



3F1727



52142C



3F1B17



1F1C1D



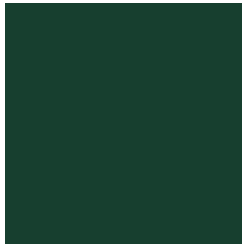
5E0026



DE0059

Previews

White Background



This preview shows how the Hex color 173F2F looks on a white background.

Color Contrast Check

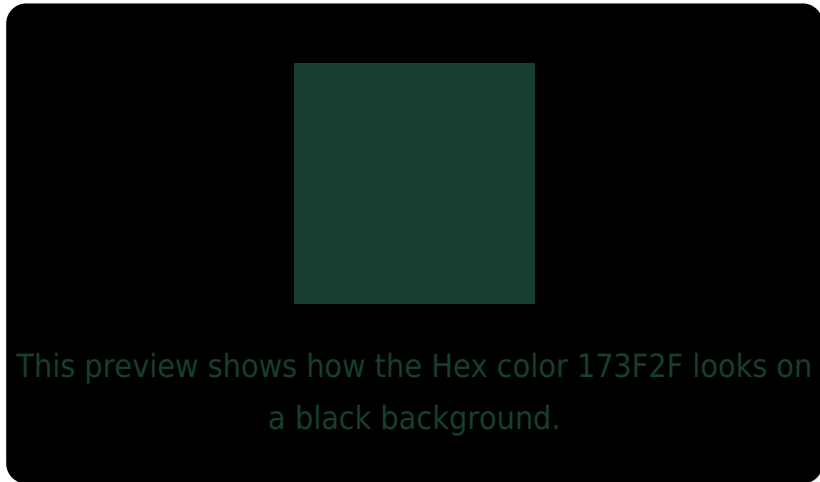
Large Text (above 18pt) WCAG AA ✓ Pass

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

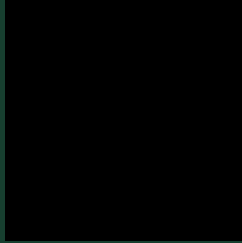
Any Text WCAG AA × Fail

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 173F2F Background



This preview shows how black text looks on a background with the Hex color 173F2F.



This preview shows how white text looks on a background with the Hex color 173F2F.

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
173F2F

Protanopia
3C382C

Deuteranopia
403631



Tritanopia
1E3D41

Trichromacy



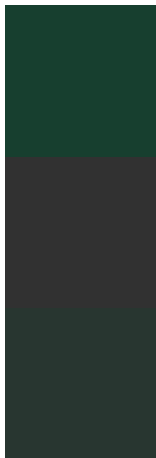
Original Color
173F2F

Protanomaly
2F3B2D

Deuteranomaly
313930

Tritanomaly
1B3E3A

Monochromacy



Original Color
173F2F

Achromatopsia
313131

Achromatomaly
283630

CSS Examples

Text

The CSS property to change the color of the text to Hex 173F2F 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 #173F2F looks like.

```
.text, #text, p{  
    color:#173F2F  
}
```

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 #173F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #173F2F
}
```

Border

The CSS property to change the border of an element to Hex 173F2F 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
#173F2F }
```

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

```
.border{ border-color:#173F2F }
```

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

Here you see how a box with a 4 pixel #173F2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #173F2F; -webkit-box-shadow:4px 4px  
4px 4px #173F2F; box-shadow:4px 4px 4px  
4px #173F2F }
```

Background

The CSS property to change the background color of an element to Hex 173F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#173F2F }
```

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

```
.background{ background-color:#173F2F }
```

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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