

Converting Colors

Hex(113F2C)

Have a look what the booklet for
Hex(113F2C) contains.

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Color

Hex(113F2C)

Conversions

Conversions Part 1

Format	Color
Hex	113F2C
RGB	17, 63, 44
RGB Percent	7%, 25%, 17%
CMY	0.9333, 0.7529, 0.8275
CMYK	0.73, 0.00, 0.30, 0.75
HSL	155°, 58%, 16%
HSV	155°, 73%, 25%
XYZ	2.4633, 3.8560, 2.9973
YIQ	47.0800, -21.3170, -15.6610

Conversions

Conversions Part 2

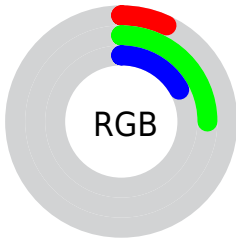
Format	Color
RYB	17, 46, 63
Decimal	1130284
CIELab	23.19, -20.95, 7.18
CIELCh	23, 22.151, 161.087
Yxy	3.8560, 0.2644, 0.4139
Android (android.graphics.Color)	4279320364 (0xFF113F2C)
YUV	47.0800, -1.5184, -26.3802
Hunter-Lab	19.6368, -11.9728, 4.6958

Details

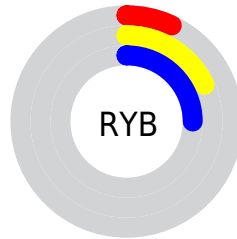
The Hex color **113F2C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3F1124**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **426F5A**, and **001300** is the 20% darker color. If you saturate the color by 10%, you get **0B3F29**, and if you desaturate by 10%, it is **173F2F**.

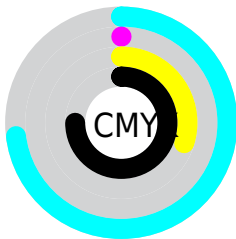
Distribution



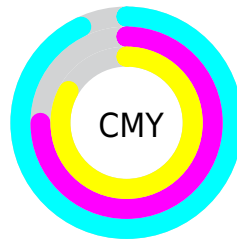
- Red (7%)
- Green (25%)
- Blue (17%)



- Red (7%)
- Yellow (18%)
- Blue (25%)



- Cyan (73%)
- Magenta (0%)
- Yellow (30%)
- Black (75%)





- Cyan (93%)
- Magenta (75%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 113F2C 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 113F2C by changing the saturation by 10% instead.

 113F2C

 113F2C

FEFFFF

 002917

 426F5A

 001300

 5B8972

 000000


 74A38C


 8EBEA6

 A9DAC1

 C5F7DD

 E1FFF9

 113F2C

 113F2C

■ 0B3F29

■ 173F2F

■ 043F27

■ 1E3F31

■ 003F25

■ 243F34

■ 2A3F36

■ 313F39

■ 373F3C

■ 3D3F3E

■ 433F41

■ 4A3F43

Harmonies

Analogous

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



293D1E



113F2C



00403D

Triad

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



113F2C



273758



542D22

Complementary

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



113F2C



3F1124

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.



572A32



113F2C



413150

Square

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



113F2C



003C56



502B42



4A3318

Rectangle

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



113F2C



003F48



502B42



562B27

Sweetspot

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



113F2C



40524A



243F11



1E2924



A8A8A8



292929

Same Dimension

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



113F2C



0A5234



113B3F



1C1F1D



005E37



00DE82

Inverse Universe

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



3F1124



520A27



3F1511



1F1C1D



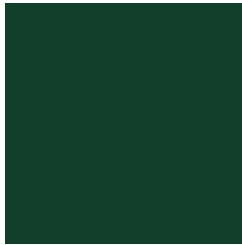
5E0027



DE005C

Previews

White Background



This preview shows how the Hex color 113F2C looks on a white background.

Color Contrast Check

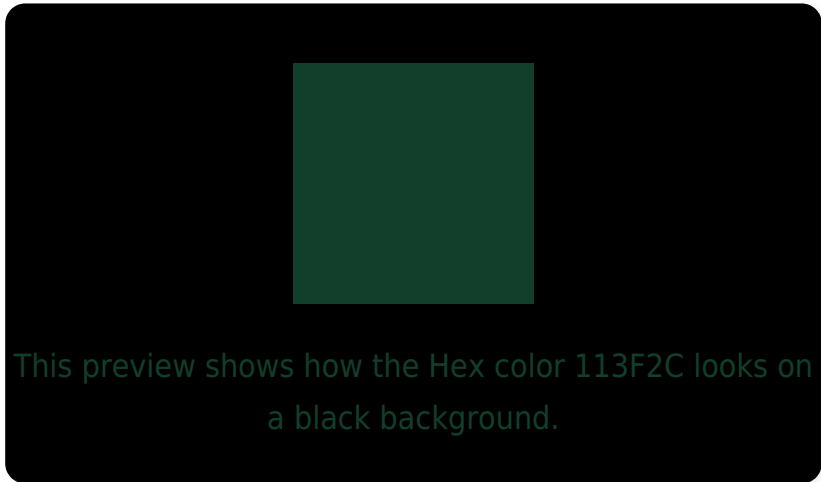
Large Text (above 18pt) WCAG AA ✓ Pass

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

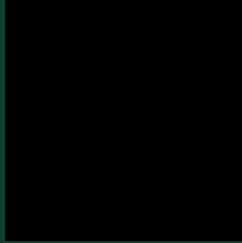
Any Text WCAG AA × Fail

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 113F2C Background



This preview shows how black text looks on a background with the Hex color 113F2C.



This preview shows how white text looks on a background with the Hex color 113F2C.

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
113F2C

Protanopia
3B3729

Deuteranopia
40352E



Tritanopia
1A3C41

Trichromacy



Original Color
113F2C

Protanomaly
2C3A2A

Deuteranomaly
2F392D

Tritanomaly
173D39

Monochromacy



Original Color
113F2C

Achromatopsia
2F2F2F

Achromatomaly
24352E

CSS Examples

Text

The CSS property to change the color of the text to Hex 113F2C 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 #113F2C looks like.

```
.text, #text, p{  
    color:#113F2C  
}
```

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 #113F2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #113F2C
}
```

Border

The CSS property to change the border of an element to Hex 113F2C 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
#113F2C }
```

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

```
.border{ border-color:#113F2C }
```

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

Here you see how a box with a 4 pixel #113F2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #113F2C; -webkit-box-shadow:4px 4px  
4px 4px #113F2C; box-shadow:4px 4px 4px  
4px #113F2C }
```

Background

The CSS property to change the background color of an element to Hex 113F2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#113F2C }
```

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

```
.background{ background-color:#113F2C }
```

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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