

Converting Colors

Hex(122F2F)

Have a look what the booklet for
Hex(122F2F) contains.

Hex(122F2F)	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(122F2F)

Conversions

Conversions Part 1

Format	Color
Hex	122F2F
RGB	18, 47, 47
RGB Percent	7%, 18%, 18%
CMY	0.9294, 0.8157, 0.8157
CMYK	0.62, 0.00, 0.00, 0.82
HSL	180°, 45%, 13%
HSV	180°, 62%, 18%
XYZ	1.7791, 2.3669, 3.0524
YIQ	38.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

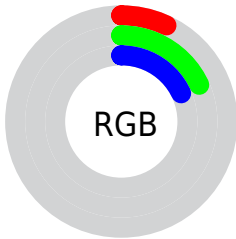
Format	Color
R_{YB}	18, 33, 47
Decimal	1191727
CIE _{Lab}	17.31, -10.80, -3.33
CIE _{LCh}	17, 11.305, 197.147
Yxy	2.3669, 0.2471, 0.3288
Android (android.graphics.Color)	4279381807 (0xFF122F2F)
YUV	38.3290, 4.2748, -17.8285
Hunter-Lab	15.3846, -6.2816, -0.9943

Details

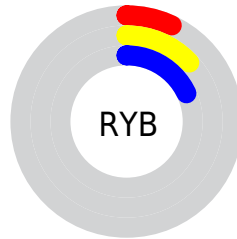
The Hex color **122F2F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2F1212**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **405D5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D2F2F**, and if you desaturate by 10%, it is **172F2F**.

Distribution



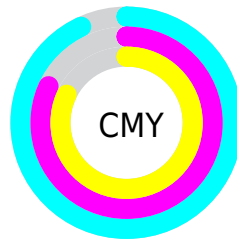
- Red (7%)
- Green (18%)
- Blue (18%)



- Red (7%)
- Yellow (13%)
- Blue (18%)



- Cyan (62%)
- Magenta (0%)
- Yellow (0%)
- Black (82%)



- Cyan (93%)
- Magenta (82%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 122F2F 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 122F2F by changing the saturation by 10% instead.

■ 122F2F

■ 122F2F

■ F9FFFF

■ 001B1A

■ 405D5D

■ 000000

■ 587675

■ 718F8F

■ 8BAAA9

■ A5C5C5

■ C0E1E1

■ DCFEFD

■ 122F2F

■ 122F2F

■ 0D2F2F

■ 172F2F

■ 092F2F

■ 1B2F2F

■ 042F2F

■ 202F2F

■ 002F2F

■ 252F2F

■ 2A2F2F

■ 2E2F2F

■ 332F2F

■ 382F2F

■ 3C2F2F

Harmonies

Analogous

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



192F27



122F2F



122E36

Triad

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



122F2F



312736



33291B

Complementary

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



122F2F



2F1212

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.



39261F



122F2F



38252E

Square

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



122F2F



272A3A



3B2526



2C2B1B

Rectangle

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



122F2F



172D39



3B2526



36281C

Sweetspot

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



122F2F



323D3D



122F12



181F1F



9E9E9E



1F1F1F

Same Dimension

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



122F2F



103D3D



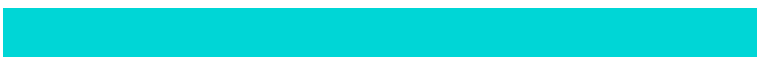
12212F



151717



005757



00D6D6

Inverse Universe

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



2F122F



3D103D



2F2112



171517



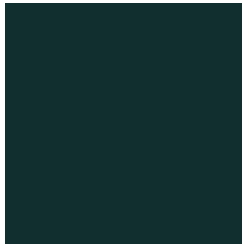
570057



D600D6

Previews

White Background



This preview shows how the Hex color 122F2F looks on a white background.

Color Contrast Check

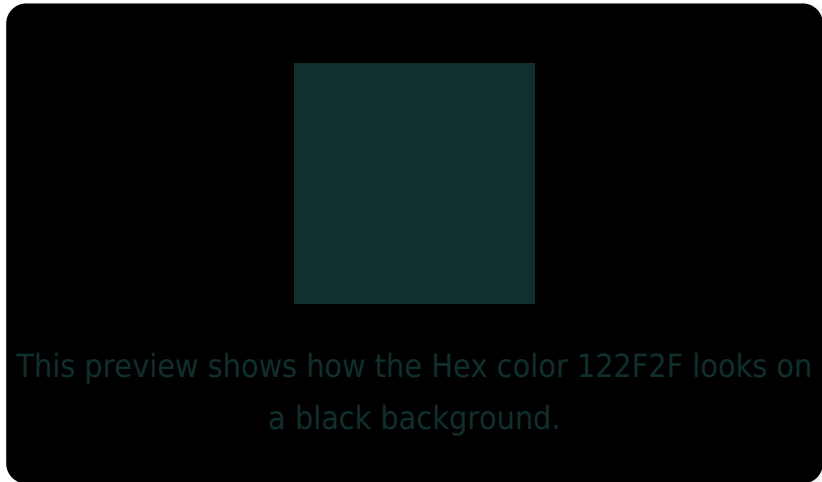
Large Text (above 18pt) WCAG AA ✓ Pass

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

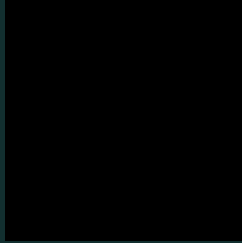
Any Text WCAG AA × Fail

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 122F2F Background



This preview shows how black text looks on a background with the Hex color 122F2F.



This preview shows how white text looks on a background with the Hex color 122F2F.

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
122F2F

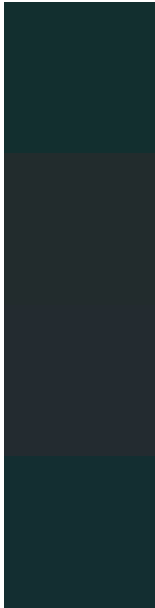
Protanopia
2B2A2C

Deuteranopia
2C2930



Tritanopia
142E32

Trichromacy



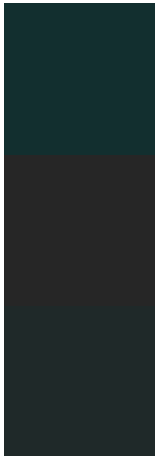
Original Color
122F2F

Protanomaly
222C2D

Deuteranomaly
232B30

Tritanomaly
132E31

Monochromacy



Original Color
122F2F

Achromatopsia
262626

Achromatomaly
1F2929

CSS Examples

Text

The CSS property to change the color of the text to Hex 122F2F 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 #122F2F looks like.

```
.text, #text, p{  
    color:#122F2F  
}
```

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 #122F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #122F2F
}
```

Border

The CSS property to change the border of an element to Hex 122F2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

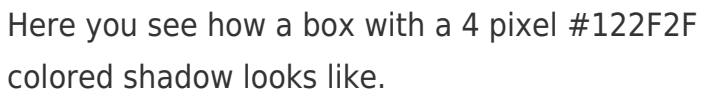
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#122F2F }
```

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

```
.border{ border-color:#122F2F }
```

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



Here you see how a box with a 4 pixel #122F2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #122F2F; -webkit-box-shadow:4px 4px  
4px 4px #122F2F; box-shadow:4px 4px 4px  
4px #122F2F }
```

Background

The CSS property to change the background color of an element to Hex 122F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#122F2F }
```

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

```
.background{ background-color:#122F2F }
```

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