

Converting Colors

Hex(122F3E)

Have a look what the booklet for
Hex(122F3E) contains.

Hex(122F3E)	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(122F3E)

Conversions

Conversions Part 1

Format	Color
Hex	122F3E
RGB	18, 47, 62
RGB Percent	7%, 18%, 24%
CMY	0.9294, 0.8157, 0.7569
CMYK	0.71, 0.24, 0.00, 0.76
HSL	200°, 55%, 16%
HSV	200°, 71%, 24%
XYZ	2.1355, 2.5094, 4.9292
YIQ	40.0390, -22.0990, -1.4830

Conversions

Conversions Part 2

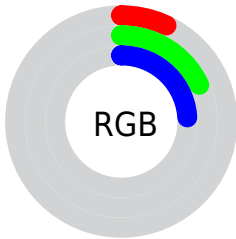
Format	Color
RYB	18, 35, 62
Decimal	1191742
CIELab	17.96, -5.30, -12.73
CIElCh	18, 13.785, 247.402
Yxy	2.5094, 0.2230, 0.2621
Android (android.graphics.Color)	4279381822 (0xFF122F3E)
YUV	40.0390, 10.8268, -19.3282
Hunter-Lab	15.8412, -3.6594, -7.3602

Details

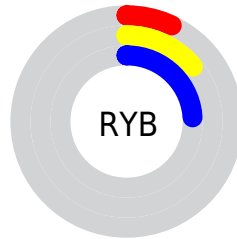
The Hex color **122F3E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3E2112**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **425D6E**, and **000114** is the 20% darker color. If you saturate the color by 10%, you get **0C2D3E**, and if you desaturate by 10%, it is **18313E**.

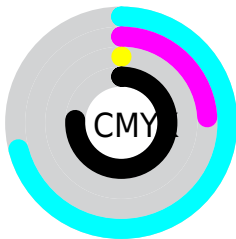
Distribution



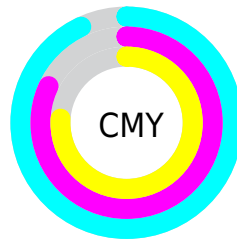
- Red (7%)
- Green (18%)
- Blue (24%)



- Red (7%)
- Yellow (14%)
- Blue (24%)



- Cyan (71%)
- Magenta (24%)
- Yellow (0%)
- Black (76%)



- Cyan (93%)
- Magenta (82%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 122F3E 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 122F3E by changing the saturation by 10% instead.

■ 122F3E

■ 122F3E

■ FDFFFF

■ 001A28

■ 425D6E

■ 000114

■ 5A7587

■ 000000

■ 748FA1

■ 8EA9BC

■ A9C5D8

■ C4E1F4

■ E0FDFD

■ 122F3E

■ 122F3E

■ 0C2D3E

■ 18313E

■ 062B3E

■ 1E333E

■ 00293E

■ 25353E

■ 2B373E

■ 313A3E

■ 373C3E

■ 3D3E3E

■ 44403E

■ 4A423E

Harmonies

Analogous

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



083138



122F3E



222C3F

Triad

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



122F3E



3F242A



252F1C

Complementary

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



122F3E



3E2112

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.



302C18



122F3E



3E2620

Square

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



122F3E



3A2534



39291A



193124

Rectangle

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



122F3E



2C2A3E



39291A



292E1A

Sweetspot

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



122F3E



404C52



123E21



1F2529



A8A8A8



292929

Same Dimension

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



122F3E



0C3A52



12193E



1C1E1F



003E5E



0092DE

Inverse Universe

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



3E122F



520C3A



3E3712



1F1C1E



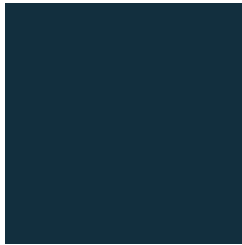
5E003E



DE0092

Previews

White Background



This preview shows how the Hex color 122F3E looks on a white background.

Color Contrast Check

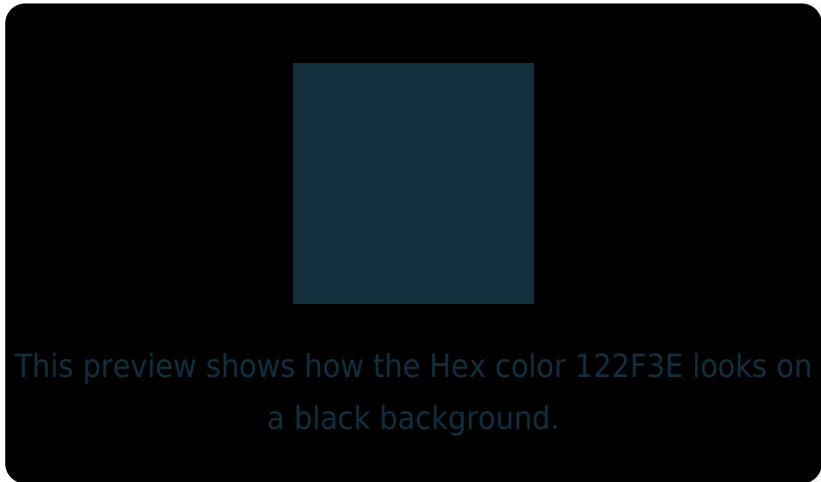
Large Text (above 18pt) WCAG AA ✓ Pass

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

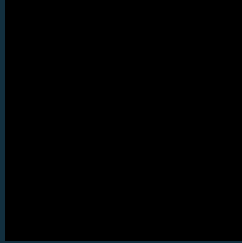
Any Text WCAG AA × Fail

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 122F3E Background



This preview shows how black text looks on a background with the Hex color 122F3E.



This preview shows how white text looks on a background with the Hex color 122F3E.

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
122F3E

Protanopia
282B3B

Deuteranopia
252C3F



Tritanopia
0B3135

Trichromacy



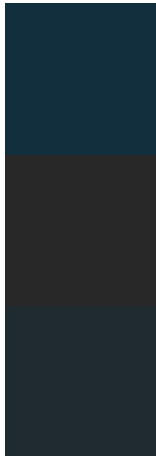
Original Color
122F3E

Protanomaly
202C3C

Deuteranomaly
1E2D3F

Tritanomaly
0E3038

Monochromacy



Original Color
122F3E

Achromatopsia
282828

Achromatomaly
202B30

CSS Examples

Text

The CSS property to change the color of the text to Hex 122F3E 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 #122F3E looks like.

```
.text, #text, p{  
    color:#122F3E  
}
```

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 #122F3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #122F3E
}
```

Border

The CSS property to change the border of an element to Hex 122F3E 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
#122F3E }
```

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

```
.border{ border-color:#122F3E }
```

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

Here you see how a box with a 4 pixel #122F3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #122F3E; -webkit-box-shadow:4px 4px  
4px 4px #122F3E; box-shadow:4px 4px 4px  
4px #122F3E }
```

Background

The CSS property to change the background color of an element to Hex 122F3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#122F3E }
```

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

```
.background{ background-color:#122F3E }
```

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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