

Converting Colors

Hex(121F2F)

Have a look what the booklet for
Hex(121F2F) contains.

Hex(121F2F)	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(121F2F)

Conversions

Conversions Part 1

Format	Color
Hex	121F2F
RGB	18, 31, 47
RGB Percent	7%, 12%, 18%
CMY	0.9294, 0.8784, 0.8157
CMYK	0.62, 0.34, 0.00, 0.82
HSL	213°, 45%, 13%
HSV	213°, 62%, 18%
XYZ	1.2525, 1.3138, 2.8769
YIQ	28.9370, -12.8840, 2.2200

Conversions

Conversions Part 2

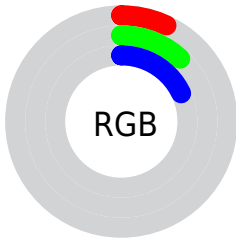
Format	Color
RYB	18, 27, 47
Decimal	1187631
CIELab	11.37, 0.12, -12.38
CIElCh	11, 12.377, 270.553
Yxy	1.3138, 0.2301, 0.2414
Android (android.graphics.Color)	4279377711 (0xFF121F2F)
YUV	28.9370, 8.9051, -9.5917
Hunter-Lab	11.4621, -0.5531, -6.8578

Details

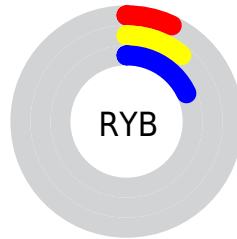
The Hex color **121F2F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F2212**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **3F4B5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D1C2F**, and if you desaturate by 10%, it is **17222F**.

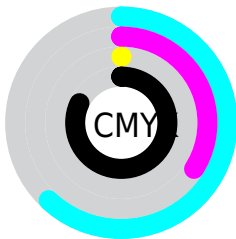
Distribution



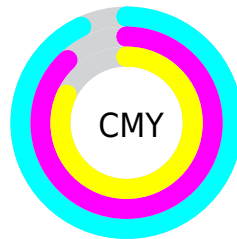
- Red (7%)
- Green (12%)
- Blue (18%)



- Red (7%)
- Yellow (11%)
- Blue (18%)



- Cyan (62%)
- Magenta (34%)
- Yellow (0%)
- Black (82%)



- Cyan (93%)
- Magenta (88%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 121F2F 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 121F2F by changing the saturation by 10% instead.

■ 121F2F

■ 121F2F

■ F7FFFF

■ 00061B

■ 3F4B5D

■ 000000

■ 566276

■ 6F7B8F

■ 8995AA

■ A3B0C5

■ BECBE1

■ DAE7FE

■ 121F2F

■ 121F2F

■ 0D1C2F

■ 17222F

■ 091A2F

■ 1B242F

■ 04172F

■ 20272F

■ 00152F

■ 25292F

■ 2A2C2F

■ 2E2F2F

■ 33312F

■ 38342F

■ 3C362F

Harmonies

Analogous

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



04212D



121F2F



1F1C2D

Triad

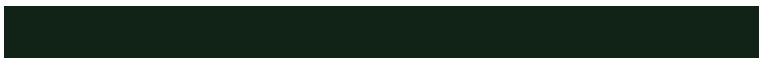
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



121F2F



2E1816



112216

Complementary

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



121F2F



2F2212

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.



1B200E



121F2F



2B1B0F

Square

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



121F2F



2E181E



241E0B



05231E

Rectangle

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



121F2F



261A29



241E0B



142113

Sweetspot

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



121F2F



32373D



122F22



181B1F



9E9E9E



1F1F1F

Same Dimension

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



121F2F



10243D



13122F



151617



002757



0060D6

Inverse Universe

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



2F121F



3D1024



2E2F12



171516



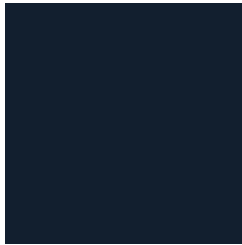
570027



D60060

Previews

White Background



This preview shows how the Hex color 121F2F looks on a white background.

Color Contrast Check

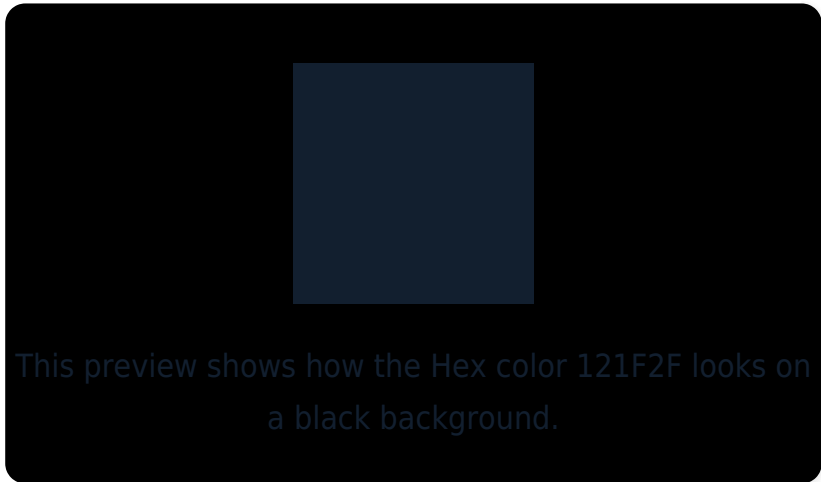
Large Text (above 18pt) WCAG AA ✓ Pass

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

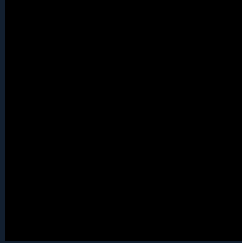
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

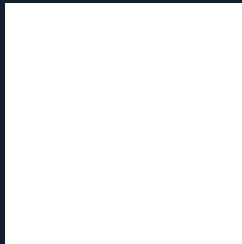
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 121F2F Background



This preview shows how black text looks on a background with the Hex color 121F2F.



This preview shows how white text looks on a background with the Hex color 121F2F.

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
121F2F

Protanopia
191E2E

Deuteranopia
161E2F



Tritanopia
0D2124

Trichromacy



Original Color

121F2F

Protanomaly

161E2E

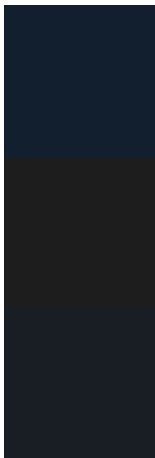
Deuteranomaly

151E2F

Tritanomaly

0F2028

Monochromacy



Original Color

121F2F

Achromatopsia

1D1D1D

Achromatomaly

191E24

CSS Examples

Text

The CSS property to change the color of the text to Hex 121F2F 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 #121F2F looks like.

```
.text, #text, p{  
    color:#121F2F  
}
```

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 #121F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #121F2F
}
```

Border

The CSS property to change the border of an element to Hex 121F2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

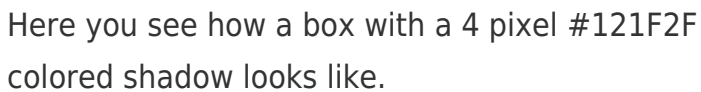
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#121F2F }
```

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

```
.border{ border-color:#121F2F }
```

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



Here you see how a box with a 4 pixel #121F2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #121F2F; -webkit-box-shadow:4px 4px  
4px 4px #121F2F; box-shadow:4px 4px 4px  
4px #121F2F }
```

Background

The CSS property to change the background color of an element to Hex 121F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#121F2F }
```

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

```
.background{ background-color:#121F2F }
```

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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