

Converting Colors

Hex(120F3C)

Have a look what the booklet for
Hex(120F3C) contains.

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Color

Hex(120F3C)

Conversions

Conversions Part 1

Format	Color
Hex	120F3C
RGB	18, 15, 60
RGB Percent	7%, 6%, 24%
CMY	0.9294, 0.9412, 0.7647
CMYK	0.70, 0.75, 0.00, 0.76
HSL	244°, 60%, 15%
HSV	244°, 75%, 24%
XYZ	1.2359, 0.7965, 4.3636
YIQ	21.0270, -12.6570, 14.6310

Conversions

Conversions Part 2

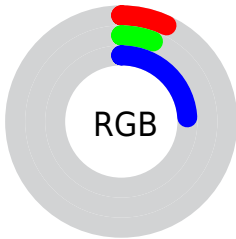
Format	Color
R_{YB}	18, 15, 60
Decimal	1183548
CIE Lab	7.19, 17.60, -28.45
CIE LCh	7, 33.454, 301.739
Yxy	0.7965, 0.1932, 0.1245
Android (android.graphics.Color)	4279373628 (0xFF120F3C)
YUV	21.0270, 19.2137, -2.6547
Hunter-Lab	8.9246, 9.1007, -22.7417

Details

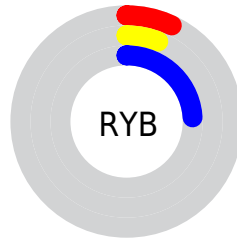
The Hex color **120F3C** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **393C0F**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **42396C**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **0C093C**, and if you desaturate by 10%, it is **18153C**.

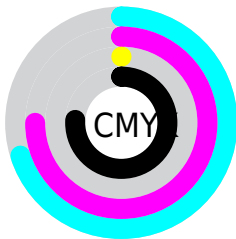
Distribution



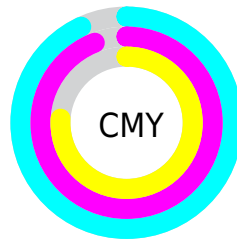
- Red (7%)
- Green (6%)
- Blue (24%)



- Red (7%)
- Yellow (6%)
- Blue (24%)



- Cyan (70%)
- Magenta (75%)
- Yellow (0%)
- Black (76%)



- Cyan (93%)
- Magenta (94%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120F3C 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 120F3C by changing the saturation by 10% instead.

■ 120F3C

■ 120F3C

■ FFEFFF

■ 000026

■ 42396C

■ 00010F

■ 5B5085

■ 000000

■ 7568A0

■ 8F81BB

■ AA9BD7

■ C5B6F3

■ E2D2FF

■ 120F3C

■ 120F3C

■ 0C093C

■ 18153C

■ 07033C

■ 1D1B3C

■ 04003C

■ 23213C

■ 28273C

■ 2E2D3C

■ 34333C

■ 39393C

■ 3F3F3C

■ 44453C

Harmonies

Analogous

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



001943



120F3C



30002B

Triad

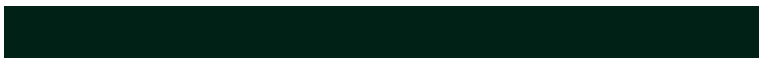
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



120F3C



2D0B00



002116

Complementary

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



120F3C



393C0F

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.



002000



120F3C



1C1600

Square

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



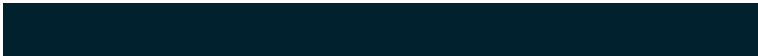
120F3C



380000



001C00



00212D

Rectangle

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



120F3C



38001D



001C00



00210D

Sweetspot

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



120F3C



3E3D4F



0F393C



1E1D29



A8A8A8



292929

Same Dimension

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



120F3C



0D084F



280F3C



1C1C1F



06005E



0F00DE

Inverse Universe

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



3C0F39



4F084A



223C0F



1F1C1E



5E0058



DE00CF

Previews

White Background



This preview shows how the Hex color 120F3C looks on a white background.

Color Contrast Check

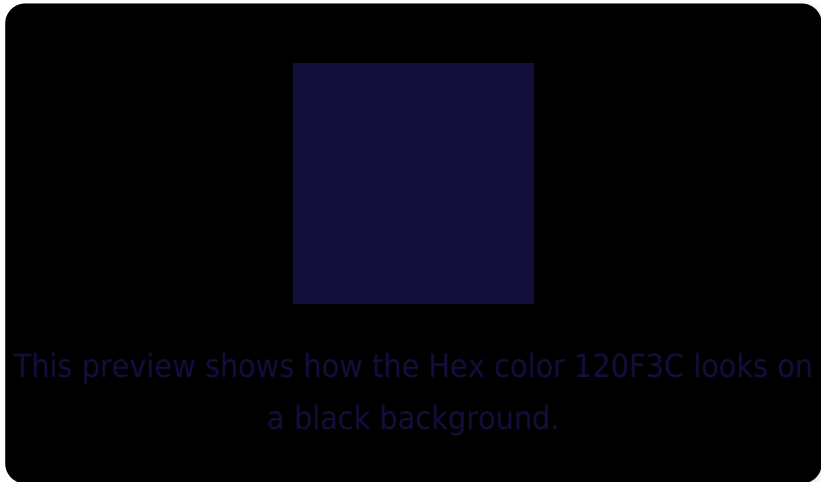
Large Text (above 18pt) WCAG AA ✓ Pass

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

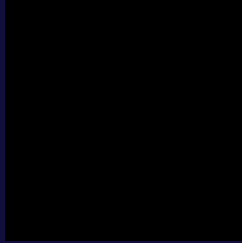
Any Text WCAG AA × Fail

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 120F3C Background



This preview shows how black text looks on a background with the Hex color 120F3C.



This preview shows how white text looks on a background with the Hex color 120F3C.

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
120F3C

Protanopia
00162F

Deuteranopia
001828



Tritanopia
001A1B

Trichromacy



Original Color
120F3C

Protanomaly
071334

Deuteranomaly
07152F

Tritanomaly
071627

Monochromacy



Original Color
120F3C

Achromatopsia
151515

Achromatomaly
141323

CSS Examples

Text

The CSS property to change the color of the text to Hex 120F3C 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 #120F3C looks like.

```
.text, #text, p{  
    color:#120F3C  
}
```

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 #120F3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120F3C
}
```

Border

The CSS property to change the border of an element to Hex 120F3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

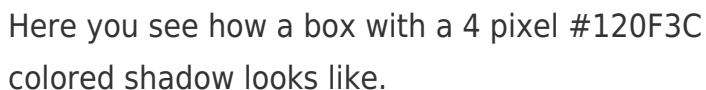
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#120F3C }
```

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

```
.border{ border-color:#120F3C }
```

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



Here you see how a box with a 4 pixel #120F3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120F3C; -webkit-box-shadow:4px 4px  
4px 4px #120F3C; box-shadow:4px 4px 4px  
4px #120F3C }
```

Background

The CSS property to change the background color of an element to Hex 120F3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120F3C }
```

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

```
.background{ background-color:#120F3C }
```

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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