

Converting Colors

Hex(120D2E)

Have a look what the booklet for
Hex(120D2E) contains.

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Color

Hex(120D2E)

Conversions

Conversions Part 1

Format	Color
Hex	120D2E
RGB	18, 13, 46
RGB Percent	7%, 5%, 18%
CMY	0.9294, 0.9490, 0.8196
CMYK	0.61, 0.72, 0.00, 0.82
HSL	249°, 56%, 12%
HSV	249°, 72%, 18%
XYZ	0.8865, 0.6137, 2.6565
YIQ	18.2570, -7.6130, 11.3230

Conversions

Conversions Part 2

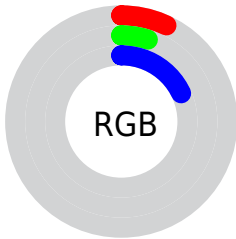
Format	Color
RYB	18, 13, 46
Decimal	1183022
CIELab	5.54, 12.39, -20.86
CIELCh	6, 24.264, 300.704
Yxy	0.6137, 0.2133, 0.1476
Android (android.graphics.Color)	4279373102 (0xFF120D2E)
YUV	18.2570, 13.6773, -0.2254
Hunter-Lab	7.8339, 6.4905, -14.6216

Details

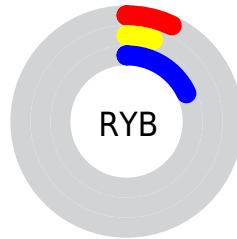
The Hex color **120D2E** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **292E0D**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **3E385C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0E082E**, and if you desaturate by 10%, it is **16122E**.

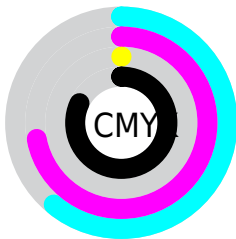
Distribution



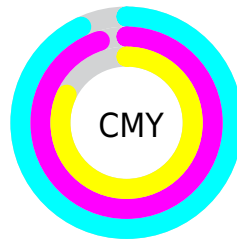
- Red (7%)
- Green (5%)
- Blue (18%)



- Red (7%)
- Yellow (5%)
- Blue (18%)



- Cyan (61%)
- Magenta (72%)
- Yellow (0%)
- Black (82%)



- Cyan (93%)
- Magenta (95%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120D2E 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 120D2E by changing the saturation by 10% instead.

■ 120D2E

■ 120D2E

■ F7ECFF

■ 000119

■ 3E385C

■ 000000

■ 564E75

■ 6F668F

■ 897FA9

■ A399C4

■ BFB4E1

■ DBD0FD

■ 120D2E

■ 120D2E

■ 0E082E

■ 16122E

■ 0A042E

■ 1A162E

■ 07002E

■ 1E1B2E

■ 221F2E

■ 26242E

■ 29292E

■ 2D2D2E

■ 31322E

■ 35362E

Harmonies

Analogous

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



001432



120D2E



260422

Triad

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



120D2E



250A00



001C12

Complementary

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



120D2E



292E0D

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.



001B00



120D2E



181200

Square

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



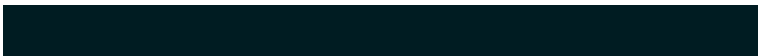
120D2E



2E0200



001700



001C22

Rectangle

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



120D2E



2C0118



001700



001C0A

Sweetspot

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



120D2E



302E3B



0D292E



18171F



9E9E9E



1F1F1F

Same Dimension

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



120D2E



10083B



220D2E



151517



0D0057



2000D6

Inverse Universe

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



2E0D29



3B0833



192E0D



171517



57004A



D600B6

Previews

White Background



This preview shows how the Hex color 120D2E looks on a white background.

Color Contrast Check

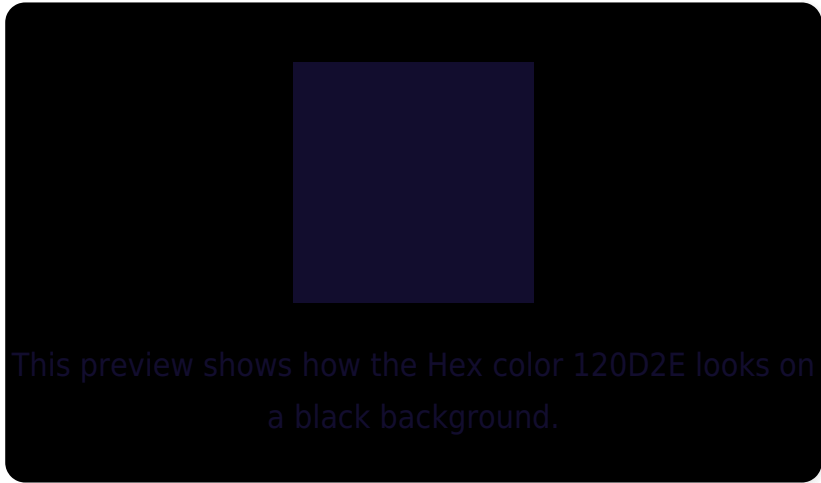
Large Text (above 18pt) WCAG AA ✓ Pass

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

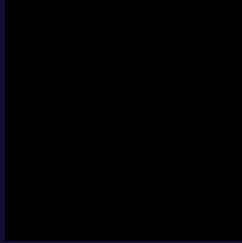
Any Text WCAG AA × Fail

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 120D2E Background



This preview shows how black text looks on a background with the Hex color 120D2E.



This preview shows how white text looks on a background with the Hex color 120D2E.

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
120D2E

Protanopia
001227

Deuteranopia
001421



Tritanopia
061517

Trichromacy



Original Color

120D2E

Protanomaly

07102A

Deuteranomaly

071126

Tritanomaly

0A121F

Monochromacy



Original Color

120D2E

Achromatopsia

121212

Achromatomaly

12101C

CSS Examples

Text

The CSS property to change the color of the text to Hex 120D2E 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 #120D2E looks like.

```
.text, #text, p{  
    color:#120D2E  
}
```

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 #120D2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120D2E
}
```

Border

The CSS property to change the border of an element to Hex 120D2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

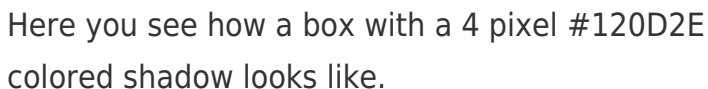
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#120D2E }
```

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

```
.border{ border-color:#120D2E }
```

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



Here you see how a box with a 4 pixel #120D2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120D2E; -webkit-box-shadow:4px 4px  
4px 4px #120D2E; box-shadow:4px 4px 4px  
4px #120D2E }
```

Background

The CSS property to change the background color of an element to Hex 120D2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120D2E }
```

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

```
.background{ background-color:#120D2E }
```

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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