

Converting Colors

Hex(122B3E)

Have a look what the booklet for
Hex(122B3E) contains.

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Color

Hex(122B3E)

Conversions

Conversions Part 1

Format	Color
Hex	122B3E
RGB	18, 43, 62
RGB Percent	7%, 17%, 24%
CMY	0.9294, 0.8314, 0.7569
CMYK	0.71, 0.31, 0.00, 0.76
HSL	206°, 55%, 16%
HSV	206°, 71%, 24%
XYZ	1.9828, 2.2042, 4.8784
YIQ	37.6910, -20.9990, 0.6090

Conversions

Conversions Part 2

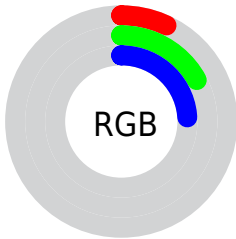
Format	Color
R_{YB}	18, 34, 62
Decimal	1190718
CIE _{Lab}	16.52, -2.55, -14.96
CIE _{LCh}	17, 15.174, 260.335
Yxy	2.2042, 0.2187, 0.2431
Android (android.graphics.Color)	4279380798 (0xFF122B3E)
YUV	37.6910, 11.9843, -17.2690
Hunter-Lab	14.8464, -2.1413, -9.0896

Details

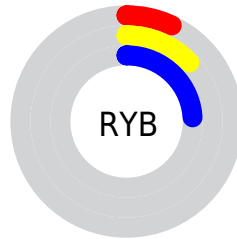
The Hex color **122B3E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E2512**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **42586E**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **0C283E**, and if you desaturate by 10%, it is **182E3E**.

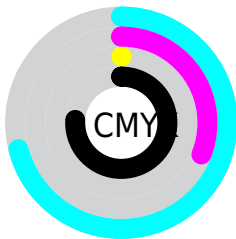
Distribution



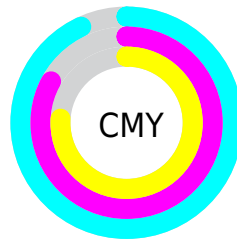
- Red (7%)
- Green (17%)
- Blue (24%)



- Red (7%)
- Yellow (13%)
- Blue (24%)



- Cyan (71%)
- Magenta (31%)
- Yellow (0%)
- Black (76%)



- Cyan (93%)
- Magenta (83%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 122B3E 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 122B3E by changing the saturation by 10% instead.

■ 122B3E

■ 122B3E

■ FDFEFF

■ 001728

■ 42586E

■ 000113

■ 5A7187

■ 000000

■ 738AA1

■ 8DA4BC

■ A8BFD8

■ C4DBF5

■ EOF8FF

■ 122B3E

■ 122B3E

■ 0C283E

■ 182E3E

■ 06263E

■ 1E303E

■ 00233E

■ 25333E

■ 2B363E

■ 31383E

■ 373B3E

■ 3D3E3E

■ 44403E

■ 4A433E

Harmonies

Analogous

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



002D39



122B3E



25273D

Triad

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



122B3E



3E2122



1C2D1B

Complementary

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



122B3E



3E2512

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.



282B14



122B3E



3B2319

Square

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



122B3E



3C212D



332713



0D2E25

Rectangle

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



122B3E



2F2539



332713



202C18

Sweetspot

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



122B3E



404A52



123E24



1F2429



A8A8A8



292929

Same Dimension

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



122B3E



0C3452



12163E



1C1D1F



00365E



007EDE

Inverse Universe

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



3E122B



520C34



3E3A12



1F1C1D



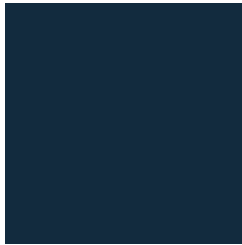
5E0036



DE007E

Previews

White Background



This preview shows how the Hex color 122B3E looks on a white background.

Color Contrast Check

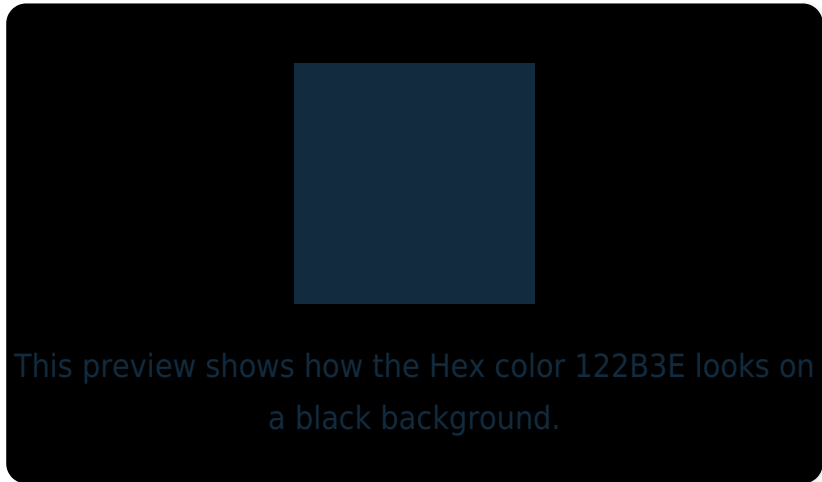
Large Text (above 18pt) WCAG AA ✓ Pass

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

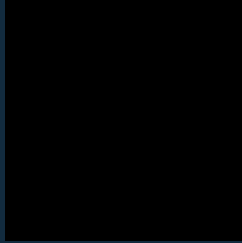
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

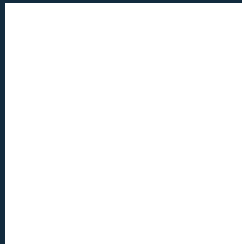
Any Text WCAG AAA × Fail

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

Hex 122B3E Background



This preview shows how black text looks on a background with the Hex color 122B3E.



This preview shows how white text looks on a background with the Hex color 122B3E.

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
122B3E

Protanopia
23283C

Deuteranopia
1F293F



Tritanopia
072D31

Trichromacy



Original Color

122B3E

Protanomaly

1D293D

Deuteranomaly

1A2A3F

Tritanomaly

0B2C36

Monochromacy



Original Color

122B3E

Achromatopsia

262626

Achromatomaly

1F282F

CSS Examples

Text

The CSS property to change the color of the text to Hex 122B3E 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 #122B3E looks like.

```
.text, #text, p{  
    color:#122B3E  
}
```

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 #122B3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #122B3E
}
```

Border

The CSS property to change the border of an element to Hex 122B3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

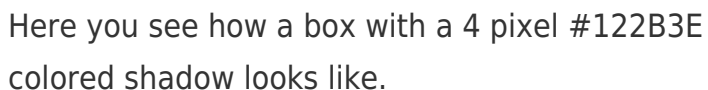
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#122B3E }
```

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

```
.border{ border-color:#122B3E }
```

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



Here you see how a box with a 4 pixel #122B3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #122B3E; -webkit-box-shadow:4px 4px  
4px 4px #122B3E; box-shadow:4px 4px 4px  
4px #122B3E }
```

Background

The CSS property to change the background color of an element to Hex 122B3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#122B3E }
```

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

```
.background{ background-color:#122B3E }
```

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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