

Converting Colors

Hex(112E3B)

Have a look what the booklet for
Hex(112E3B) contains.

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Color

Hex(112E3B)

Conversions

Conversions Part 1

Format	Color
Hex	112E3B
RGB	17, 46, 59
RGB Percent	7%, 18%, 23%
CMY	0.9333, 0.8196, 0.7686
CMYK	0.71, 0.22, 0.00, 0.77
HSL	199°, 55%, 15%
HSV	199°, 71%, 23%
XYZ	1.9976, 2.3889, 4.4935
YIQ	38.8110, -21.4570, -2.1050

Conversions

Conversions Part 2

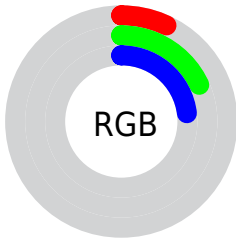
Format	Color
RYB	17, 34, 59
Decimal	1125947
CIELab	17.41, -6.02, -11.51
CIElCh	17, 12.993, 242.397
Yxy	2.3889, 0.2250, 0.2690
Android (android.graphics.Color)	4279316027 (0xFF112E3B)
YUV	38.8110, 9.9532, -19.1282
Hunter-Lab	15.4562, -3.9786, -6.4178

Details

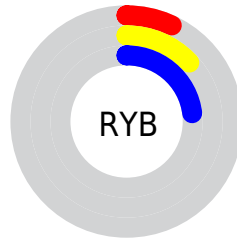
The Hex color **112E3B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3B1E11**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **415C6A**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **0B2C3B**, and if you desaturate by 10%, it is **17303B**.

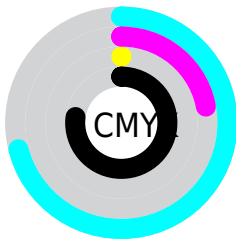
Distribution



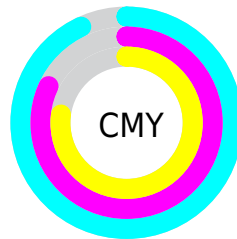
- Red (7%)
- Green (18%)
- Blue (23%)



- Red (7%)
- Yellow (13%)
- Blue (23%)



- Cyan (71%)
- Magenta (22%)
- Yellow (0%)
- Black (77%)



- Cyan (93%)
- Magenta (82%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 112E3B 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 112E3B by changing the saturation by 10% instead.

■ 112E3B

■ 112E3B

■ FBFFFF

■ 001A25

■ 415C6A

■ 000110

■ 597483

■ 000000

■ 728E9E

■ 8CA8B8

■ A7C3D4

■ C2DFF0

■ DFFCFF

■ 112E3B

■ 112E3B

■ 0B2C3B

■ 17303B

■ 052A3B

■ 1D323B

■ 00293B

■ 23333B

■ 29353B

■ 2E373B

■ 34393B

■ 3A3B3B

■ 403D3B

■ 463E3B

Harmonies

Analogous

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



0A2F34



112E3B



1F2B3D

Triad

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



112E3B



3D242A



262D1B

Complementary

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



112E3B



3B1E11

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.



302A18



112E3B



3D2521

Square

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



112E3B



372534



38271A



1B2F22

Rectangle

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



112E3B



29293C



38271A



2A2C19

Sweetspot

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



112E3B



3C484D



113B1E



1D2326



A6A6A6



262626

Same Dimension

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



112E3B



0B384D



11193B



1C1E1F



00415E



0099DE

Inverse Universe

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



3B112E



4D0B38



3B3311



1F1C1E



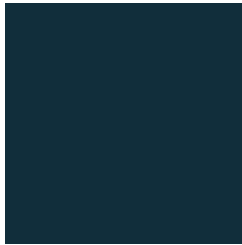
5E0041



DE0099

Previews

White Background



This preview shows how the Hex color 112E3B looks on a white background.

Color Contrast Check

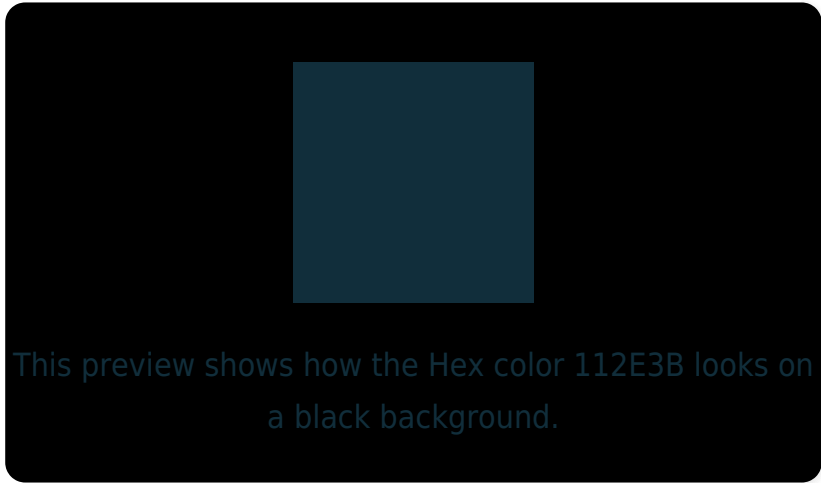
Large Text (above 18pt) WCAG AA ✓ Pass

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

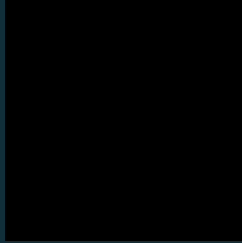
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

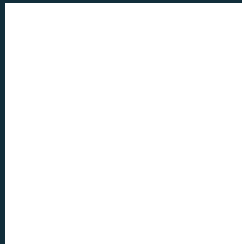
Any Text WCAG AAA × Fail

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

Hex 112E3B Background



This preview shows how black text looks on a background with the Hex color 112E3B.



This preview shows how white text looks on a background with the Hex color 112E3B.

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
112E3B

Protanopia
272A38

Deuteranopia
252A3C



Tritanopia
0B2F33

Trichromacy



Original Color

112E3B

Protanomaly

1F2B39

Deuteranomaly

1E2B3C

Tritanomaly

0D2F36

Monochromacy



Original Color

112E3B

Achromatopsia

272727

Achromatomaly

1F2A2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 112E3B 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 #112E3B looks like.

```
.text, #text, p{  
    color:#112E3B  
}
```

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 #112E3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #112E3B
}
```

Border

The CSS property to change the border of an element to Hex 112E3B 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
#112E3B }
```

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

```
.border{ border-color:#112E3B }
```

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

Here you see how a box with a 4 pixel #112E3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #112E3B; -webkit-box-shadow:4px 4px  
4px 4px #112E3B; box-shadow:4px 4px 4px  
4px #112E3B }
```

Background

The CSS property to change the background color of an element to Hex 112E3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#112E3B }
```

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

```
.background{ background-color:#112E3B }
```

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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