

Converting Colors

Hex(111C2E)

Have a look what the booklet for
Hex(111C2E) contains.

Hex(111C2E)	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(111C2E)

Conversions

Conversions Part 1

Format	Color
Hex	111C2E
RGB	17, 28, 46
RGB Percent	7%, 11%, 18%
CMY	0.9333, 0.8902, 0.8196
CMYK	0.63, 0.39, 0.00, 0.82
HSL	217°, 46%, 12%
HSV	217°, 63%, 18%
XYZ	1.1396, 1.1469, 2.7461
YIQ	26.7630, -12.3340, 3.2660

Conversions

Conversions Part 2

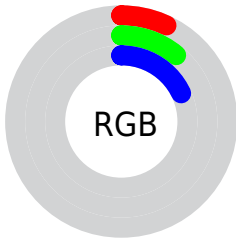
Format	Color
RYB	17, 25, 46
Decimal	1121326
CIELab	10.16, 1.68, -13.55
CIELCh	10, 13.652, 277.066
Yxy	1.1469, 0.2264, 0.2279
Android (android.graphics.Color)	4279311406 (0xFF111C2E)
YUV	26.7630, 9.4838, -8.5622
Hunter-Lab	10.7095, 0.2519, -7.7062

Details

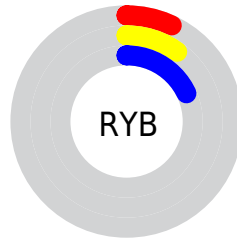
The Hex color **111C2E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **2E2311**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **3D475C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0C192E**, and if you desaturate by 10%, it is **161F2E**.

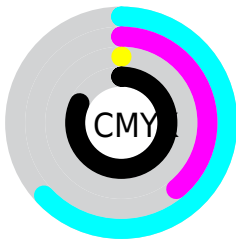
Distribution



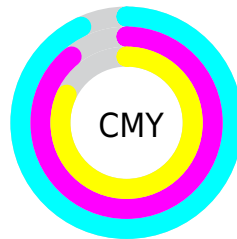
- Red (7%)
- Green (11%)
- Blue (18%)



- Red (7%)
- Yellow (10%)
- Blue (18%)



- Cyan (63%)
- Magenta (39%)
- Yellow (0%)
- Black (82%)



- Cyan (93%)
- Magenta (89%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 111C2E 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 111C2E by changing the saturation by 10% instead.

■ 111C2E

■ 111C2E

■ F5FFFF

■ 00011A

■ 3D475C

■ 000000

■ 555F75

■ 6E778E

■ 8791A9

■ A2ACC4

■ BDC7E0

■ D9E3FC

■ 111C2E

■ 111C2E

■ 0C192E

■ 161F2E

■ 08162E

■ 1A222E

■ 03132E

■ 1F252E

■ 00112E

■ 23272E

■ 282A2E

■ 2D2D2E

■ 31302E

■ 36332E

■ 3A362E

Harmonies

Analogous

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



001F2D



111C2E



20192B

Triad

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



111C2E



2D1610



092014

Complementary

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



111C2E



2E2311

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.



161E0A



111C2E



281907

Square

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



111C2E



2D141A



201C04



00211E

Rectangle

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



111C2E



261626



201C04



0E2011

Sweetspot

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



111C2E



30343B



112E23



181A1F



9E9E9E



1F1F1F

Same Dimension

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



111C2E



0E1F3B



14112E



151617



002157



0051D6

Inverse Universe

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



2E111C



3B0E1F



2B2E11



171516



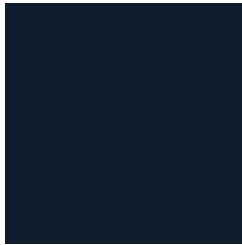
570021



D60051

Previews

White Background



This preview shows how the Hex color 111C2E looks on a white background.

Color Contrast Check

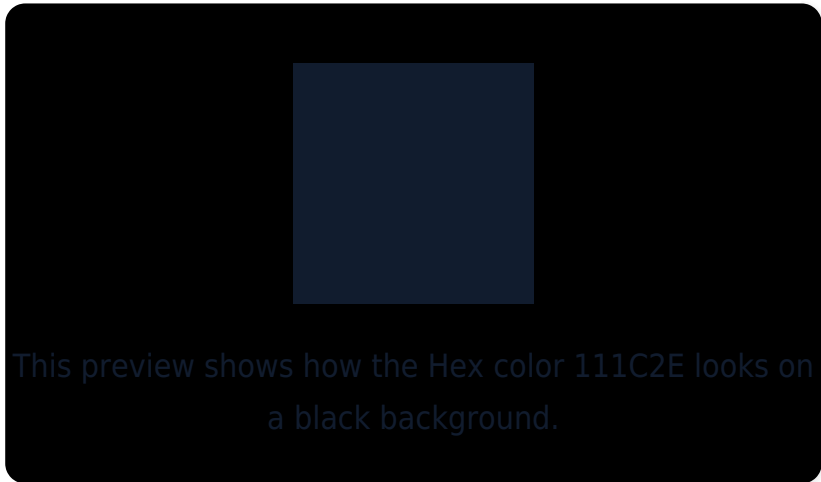
Large Text (above 18pt) WCAG AA ✓ Pass

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

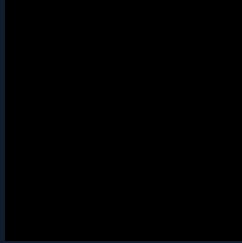
Any Text WCAG AA × Fail

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 111C2E Background



This preview shows how black text looks on a background with the Hex color 111C2E.



This preview shows how white text looks on a background with the Hex color 111C2E.

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
111C2E

Protanopia
151B2D

Deuteranopia
101C2E



Tritanopia
0A1F21

Trichromacy



Original Color
111C2E

Protanomaly
141B2D

Deuteranomaly
101C2E

Tritanomaly
0D1E26

Monochromacy



Original Color
111C2E

Achromatopsia
1B1B1B

Achromatomaly
171B22

CSS Examples

Text

The CSS property to change the color of the text to Hex 111C2E 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 #111C2E looks like.

```
.text, #text, p{  
    color:#111C2E  
}
```

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 #111C2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #111C2E
}
```

Border

The CSS property to change the border of an element to Hex 111C2E 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
#111C2E }
```

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

```
.border{ border-color:#111C2E }
```

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

Here you see how a box with a 4 pixel #111C2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #111C2E; -webkit-box-shadow:4px 4px  
4px 4px #111C2E; box-shadow:4px 4px 4px  
4px #111C2E }
```

Background

The CSS property to change the background color of an element to Hex 111C2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#111C2E }
```

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

```
.background{ background-color:#111C2E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor