

Converting Colors

Hex(13012C)

Have a look what the booklet for
Hex(13012C) contains.

Hex(13012C)	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(13012C)

Conversions

Conversions Part 1

Format	Color
Hex	13012C
RGB	19, 1, 44
RGB Percent	7%, 0%, 17%
CMY	0.9255, 0.9961, 0.8275
CMYK	0.57, 0.98, 0.00, 0.83
HSL	265°, 96%, 9%
HSV	265°, 98%, 17%
XYZ	0.7340, 0.3420, 2.4102
YIQ	11.2840, -3.0750, 17.1890

Conversions

Conversions Part 2

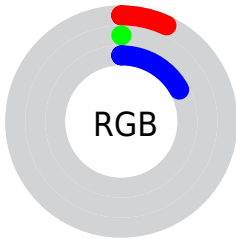
Format	Color
R_{YB}	19, 1, 44
Decimal	1245484
CIE _{Lab}	3.09, 16.75, -23.24
CIE _{LCh}	3, 28.652, 305.783
Yxy	0.3420, 0.2106, 0.0981
Android (android.graphics.Color)	4279435564 (0xFF13012C)
YUV	11.2840, 16.1290, 6.7669
Hunter-Lab	5.8481, 12.1705, -20.3416

Details

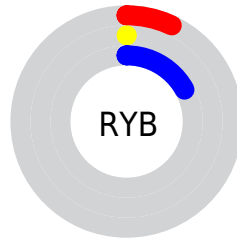
The Hex color **13012C** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **1A2C01**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **3D305A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **12002C**, and if you desaturate by 10%, it is **16052C**.

Distribution



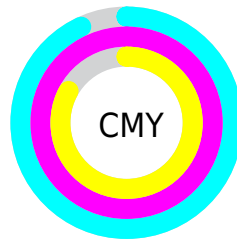
- Red (7%)
- Green (0%)
- Blue (17%)



- Red (7%)
- Yellow (0%)
- Blue (17%)



- Cyan (57%)
- Magenta (98%)
- Yellow (0%)
- Black (83%)



- Cyan (93%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13012C 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 13012C by changing the saturation by 10% instead.

■ 13012C

■ 13012C

■ F7E2FF

■ 000117

■ 3D305A

■ 000000

■ 554673

■ 6E5E8C

■ 8877A7

■ A390C2

■ BEABDE

■ DAC6FB

■ 13012C

■ 13012C

■ 12002C

■ 16052C

■ 180A2C

■ 1B0E2C

■ 1D132C

■ 20172C

■ 221B2C

■ 25202C

■ 27242C

■ 2A292C

Harmonies

Analogous

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



000D33



13012C



27001E

Triad

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



13012C



200200



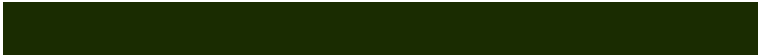
001310

Complementary

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



13012C



1A2C01

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.



001300



13012C



0A0D00

Square

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



13012C



2B0000



001300



001423

Rectangle

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



13012C



2D0010



001300



001306

Sweetspot

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



13012C



2F2838



011A2C



16121C



9C9C9C



1C1C1C

Same Dimension

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



13012C



170038



28012C



161517



240057



5A00D6

Inverse Universe

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



2C011A



380021



052C01



171516



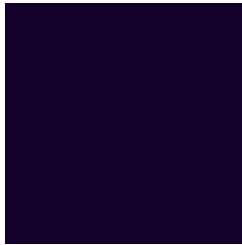
570032



D6007D

Previews

White Background



This preview shows how the Hex color 13012C looks on a white background.

Color Contrast Check

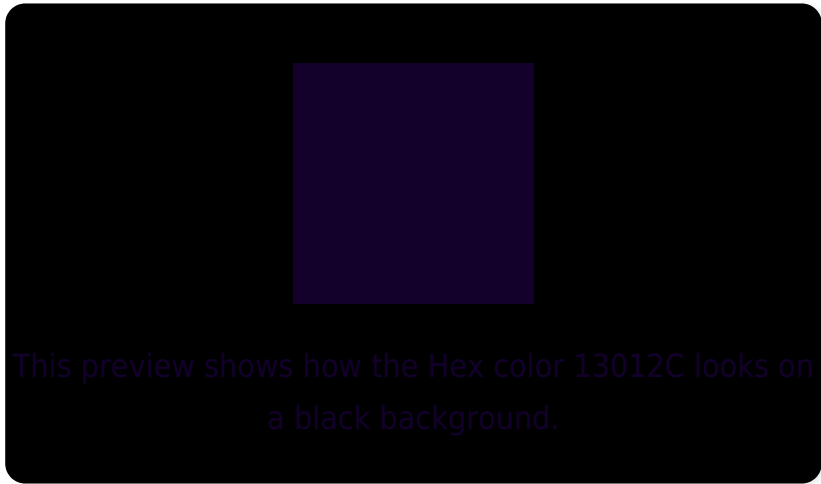
Large Text (above 18pt) WCAG AA ✓ Pass

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

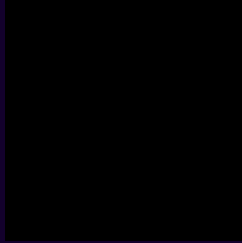
Any Text WCAG AA × Fail

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 13012C Background



This preview shows how black text looks on a background with the Hex color 13012C.



This preview shows how white text looks on a background with the Hex color 13012C.

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
13012C

Protanopia
000F20

Deuteranopia
00101C



Tritanopia
091113

Trichromacy



Original Color
13012C

Protanomaly
070A24

Deuteranomaly
070B22

Tritanomaly
0D0B1C

Monochromacy



Original Color
13012C

Achromatopsia
0B0B0B

Achromatomaly
0E0717

CSS Examples

Text

The CSS property to change the color of the text to Hex 13012C 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 #13012C looks like.

```
.text, #text, p{  
    color:#13012C  
}
```

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 #13012C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13012C
}
```

Border

The CSS property to change the border of an element to Hex 13012C is called "border". The border property can be set on classes, ids or directly on the HTML element.

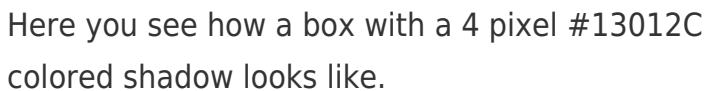
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#13012C }
```

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

```
.border{ border-color:#13012C }
```

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



Here you see how a box with a 4 pixel #13012C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13012C; -webkit-box-shadow:4px 4px  
4px 4px #13012C; box-shadow:4px 4px 4px  
4px #13012C }
```

Background

The CSS property to change the background color of an element to Hex 13012C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13012C }
```

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

```
.background{ background-color:#13012C }
```

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