

Converting Colors

Hex(13002F)

Have a look what the booklet for
Hex(13002F) contains.

Hex(13002F)	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(13002F)

Conversions

Conversions Part 1

Format	Color
Hex	13002F
RGB	19, 0, 47
RGB Percent	7%, 0%, 18%
CMY	0.9255, 1.0000, 0.8157
CMYK	0.60, 1.00, 0.00, 0.82
HSL	264°, 100%, 9%
HSV	264°, 100%, 18%
XYZ	0.7816, 0.3437, 2.7145
YIQ	11.0390, -3.7630, 18.6450

Conversions

Conversions Part 2

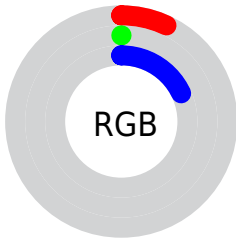
Format	Color
R_{YB}	19, 0, 47
Decimal	1245231
CIE Lab	3.10, 18.64, -25.49
CIE LCh	3, 31.575, 306.177
Yxy	0.3437, 0.2036, 0.0895
Android (android.graphics.Color)	4279435311 (0xFF13002F)
YUV	11.0390, 17.7288, 6.9818
Hunter-Lab	5.8624, 13.5404, -23.3491

Details

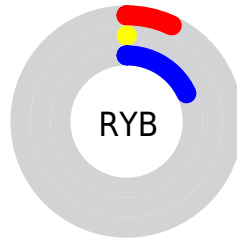
The Hex color **13002F** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **1C2F00**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **3E2F5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **13002F**, and if you desaturate by 10%, it is **16052F**.

Distribution



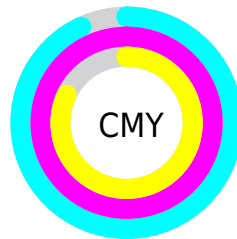
- Red (7%)
- Green (0%)
- Blue (18%)



- Red (7%)
- Yellow (0%)
- Blue (18%)



- Cyan (60%)
- Magenta (100%)
- Yellow (0%)
- Black (82%)



- Cyan (93%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13002F 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 13002F by changing the saturation by 10% instead.

 13002F

 13002F

 F8E1FF

 00011A

 3E2F5D

 000000

 564576

 6F5D90

 8976AB

 A48FC6

 BFAAE2

 DBC5FF

 13002F

■ 16052F

■ 19092F

■ 1B0E2F

■ 1E132F

■ 21182F

■ 241C2F

■ 27212F

■ 29262F

■ 2C2A2F

Harmonies

Analogous

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



000D37



13002F



29001F

Triad

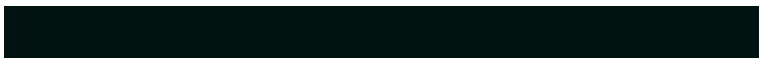
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13002F



210100



001311

Complementary

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



13002F



1C2F00

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



13002F



090D00

Square

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



13002F



2C0000



001300



001426

Rectangle

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



13002F



2F0011



001300



001306

Sweetspot

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



13002F



322B3D



001C2F



18141F



9E9E9E



1F1F1F

Same Dimension

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



13002F



19003D



2A002F



161517



230057



5700D6

Inverse Universe

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



2F001C



3D0024



052F00



171516



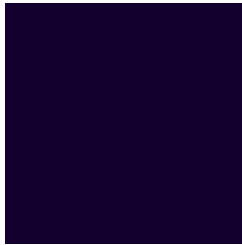
570034



D60080

Previews

White Background



This preview shows how the Hex color 13002F looks on a white background.

Color Contrast Check

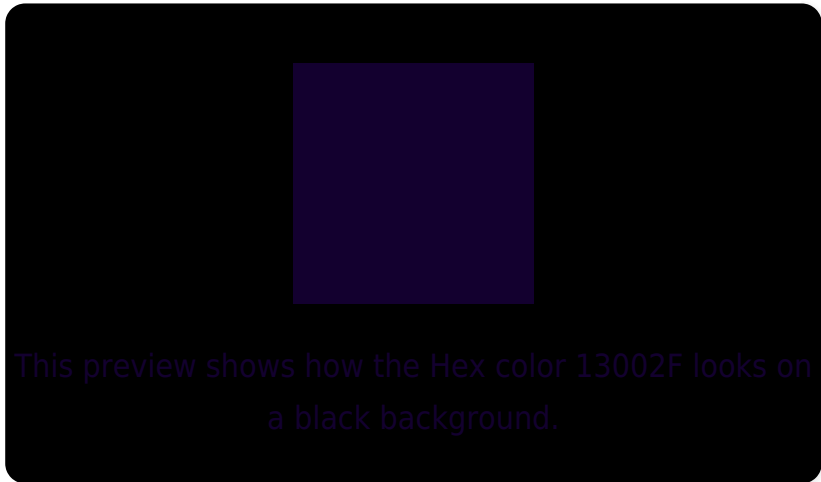
Large Text (above 18pt) WCAG AA ✓ Pass

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

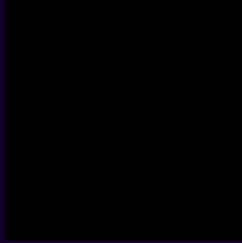
Any Text WCAG AA × Fail

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 13002F Background



This preview shows how black text looks on a background with the Hex color 13002F.



This preview shows how white text looks on a background with the Hex color 13002F.

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
13002F

Protanopia
001022

Deuteranopia
00111D



Tritanopia
061214

Trichromacy



Original Color
13002F

Protanomaly
070A27

Deuteranomaly
070B24

Tritanomaly
0B0B1E

Monochromacy



Original Color
13002F

Achromatopsia
0B0B0B

Achromatomaly
0E0718

CSS Examples

Text

The CSS property to change the color of the text to Hex 13002F 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 #13002F looks like.

```
.text, #text, p{  
    color:#13002F  
}
```

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 #13002F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13002F
}
```

Border

The CSS property to change the border of an element to Hex 13002F is called "border". The border property can be set on classes, ids or directly on the HTML element.

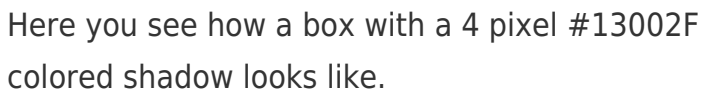
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#13002F }
```

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

```
.border{ border-color:#13002F }
```

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



Here you see how a box with a 4 pixel #13002F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13002F; -webkit-box-shadow:4px 4px  
4px 4px #13002F; box-shadow:4px 4px 4px  
4px #13002F }
```

Background

The CSS property to change the background color of an element to Hex 13002F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13002F }
```

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

```
.background{ background-color:#13002F }
```

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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