

Converting Colors

Hex(14002F)

Have a look what the booklet for
Hex(14002F) contains.

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Color

Hex(14002F)

Conversions

Conversions Part 1

Format	Color
Hex	14002F
RGB	20, 0, 47
RGB Percent	8%, 0%, 18%
CMY	0.9216, 1.0000, 0.8157
CMYK	0.57, 1.00, 0.00, 0.82
HSL	266°, 100%, 9%
HSV	266°, 100%, 18%
XYZ	0.8016, 0.3540, 2.7154
YIQ	11.3380, -3.1670, 18.8570

Conversions

Conversions Part 2

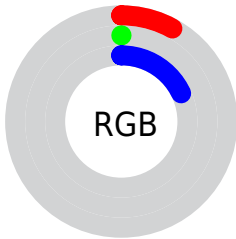
Format	Color
R_{YB}	20, 0, 47
Decimal	1310767
CIE _{Lab}	3.20, 19.05, -25.33
CIE _{LCh}	3, 31.700, 306.948
Yxy	0.3540, 0.2071, 0.0914
Android (android.graphics.Color)	4279500847 (0xFF14002F)
YUV	11.3380, 17.5814, 7.5966
Hunter-Lab	5.9494, 13.6382, -22.8961

Details

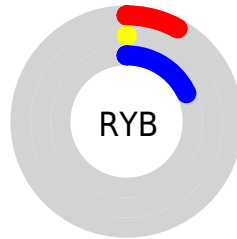
The Hex color **14002F** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **1B2F00**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **3F2F5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **14002F**, and if you desaturate by 10%, it is **17052F**.

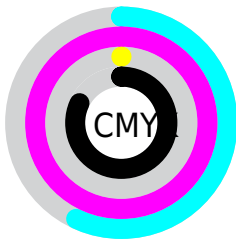
Distribution



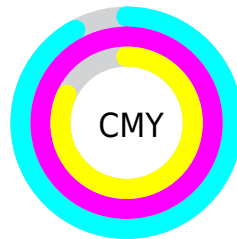
- Red (8%)
- Green (0%)
- Blue (18%)



- Red (8%)
- Yellow (0%)
- Blue (18%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (82%)



- Cyan (92%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14002F 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 14002F by changing the saturation by 10% instead.

 14002F

 14002F

 F9E1FF

 00011A

 3F2F5D

 000000

 574576

 705D90

 8A76AB

 A58FC6

 C0AAE2

 DDC5FF

 14002F

■ 17052F

■ 19092F

■ 1C0E2F

■ 1F132F

■ 22182F

■ 241C2F

■ 27212F

■ 2A262F

■ 2C2A2F

Harmonies

Analogous

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



000D37



14002F



2A001F

Triad

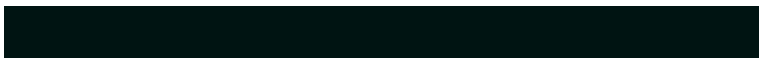
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14002F



210100



001412

Complementary

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



14002F



1B2F00

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



14002F



080E00

Square

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



14002F



2C0000



001300



001526

Rectangle

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



14002F



2F0010



001300



001307

Sweetspot

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



14002F



332B3D



001B2F



18141F



9E9E9E



1F1F1F

Same Dimension

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



14002F



1A003D



2B002F



161517



250057



5B00D6

Inverse Universe

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



2F001B



3D0023



042F00



171516



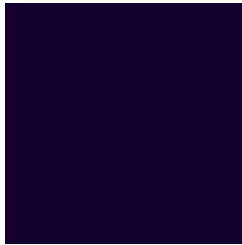
570032



D6007B

Previews

White Background



This preview shows how the Hex color 14002F looks on a white background.

Color Contrast Check

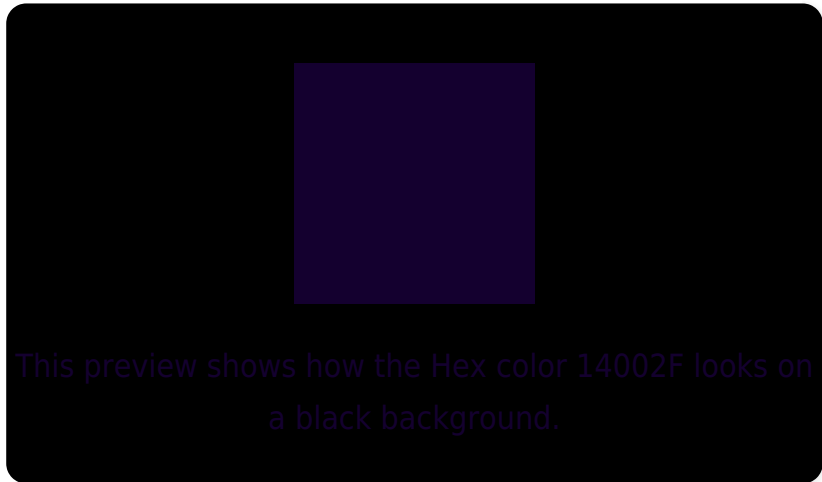
Large Text (above 18pt) WCAG AA ✓ Pass

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

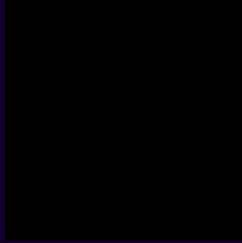
Any Text WCAG AA × Fail

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 14002F Background



This preview shows how black text looks on a background with the Hex color 14002F.



This preview shows how white text looks on a background with the Hex color 14002F.

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
14002F

Protanopia
001022

Deuteranopia
00111D



Tritanopia
091214

Trichromacy



Original Color
14002F

Protanomaly
070A27

Deuteranomaly
070B24

Tritanomaly
0D0B1E

Monochromacy



Original Color
14002F

Achromatopsia
0B0B0B

Achromatomaly
0E0718

CSS Examples

Text

The CSS property to change the color of the text to Hex 14002F 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 #14002F looks like.

```
.text, #text, p{  
    color:#14002F  
}
```

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 #14002F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14002F
}
```

Border

The CSS property to change the border of an element to Hex 14002F is called "border". The border property can be set on classes, ids or directly on the HTML element.

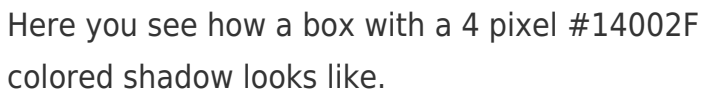
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#14002F }
```

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

```
.border{ border-color:#14002F }
```

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



Here you see how a box with a 4 pixel #14002F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14002F; -webkit-box-shadow:4px 4px  
4px 4px #14002F; box-shadow:4px 4px 4px  
4px #14002F }
```

Background

The CSS property to change the background color of an element to Hex 14002F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14002F }
```

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

```
.background{ background-color:#14002F }
```

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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