

Converting Colors

Hex(1F002C)

Have a look what the booklet for
Hex(1F002C) contains.

Hex(1F002C)	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(1F002C)

Conversions

Conversions Part 1

Format	Color
Hex	1F002C
RGB	31, 0, 44
RGB Percent	12%, 0%, 17%
CMY	0.8784, 1.0000, 0.8275
CMYK	0.30, 1.00, 0.00, 0.83
HSL	282°, 100%, 9%
HSV	282°, 100%, 17%
XYZ	1.0197, 0.4732, 2.4205
YIQ	14.2850, 4.3520, 20.2560

Conversions

Conversions Part 2

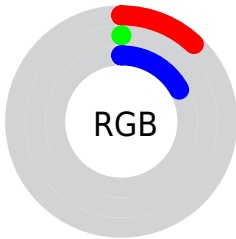
Format	Color
R_{YB}	31, 0, 44
Decimal	2031660
CIE _{Lab}	4.27, 22.89, -21.28
CIE _{LCh}	4, 31.252, 317.085
Yxy	0.4732, 0.2606, 0.1209
Android (android.graphics.Color)	4280221740 (0xFF1F002C)
YUV	14.2850, 14.6495, 14.6591
Hunter-Lab	6.8786, 14.4235, -16.0480

Details

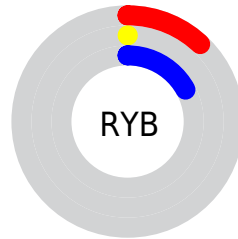
The Hex color **1F002C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0D2C00**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **4C2E5A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F002C**, and if you desaturate by 10%, it is **20042C**.

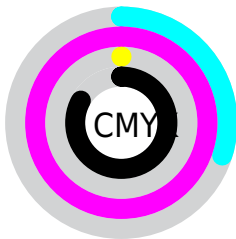
Distribution



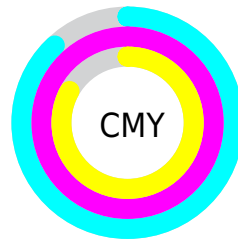
- Red (12%)
- Green (0%)
- Blue (17%)



- Red (12%)
- Yellow (0%)
- Blue (17%)



- Cyan (30%)
- Magenta (100%)
- Yellow (0%)
- Black (83%)



- Cyan (88%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Hex color 1F002C 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 1F002C by changing the saturation by 10% instead.

 1F002C

 1F002C

 FFE1FF

 000117

 4C2E5A

 000000

 644473

 7E5C8C

 9875A7

 B38FC2

 CFAADE

 EBC5FB

 1F002C

■ 20042C

■ 22092C

■ 230D2C

■ 24122C

■ 26162C

■ 271A2C

■ 281F2C

■ 29232C

■ 2B282C

Harmonies

Analogous

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



000D37



1F002C



2F001A

Triad

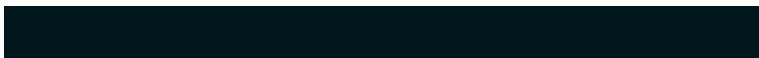
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1F002C



1E0900



00181C

Complementary

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



1F002C



0D2C00

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.



001800



1F002C



001300

Square

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



1F002C



2B0000



001800



00192E

Rectangle

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



1F002C



320008



001800



001815

Sweetspot

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



1F002C



332738



000D2C



19121C



9C9C9C



1C1C1C

Same Dimension

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



1F002C



280038



2C0023



161517



3D0057



9700D6

Inverse Universe

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



2C000D



380011



002C09



171515



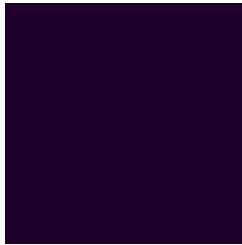
57001A



D6003F

Previews

White Background



This preview shows how the Hex color 1F002C looks on a white background.

Color Contrast Check

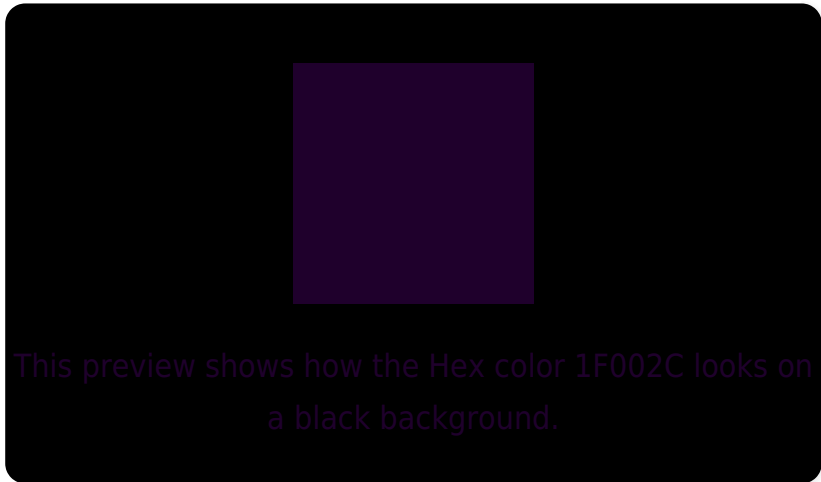
Large Text (above 18pt) WCAG AA ✓ Pass

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

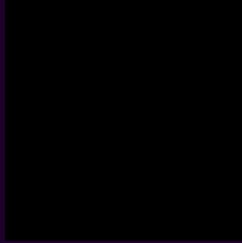
Any Text WCAG AA × Fail

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 1F002C Background



This preview shows how black text looks on a background with the Hex color 1F002C.



This preview shows how white text looks on a background with the Hex color 1F002C.

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
1F002C

Protanopia
001329

Deuteranopia
001423



Tritanopia
1B1112

Trichromacy



Original Color
1F002C

Protanomaly
0B0C2A

Deuteranomaly
0B0D26

Tritanomaly
1C0B1B

Monochromacy



Original Color
1F002C

Achromatopsia
0E0E0E

Achromatomaly
140919

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F002C 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 #1F002C looks like.

```
.text, #text, p{  
    color:#1F002C  
}
```

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 #1F002C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F002C
}
```

Border

The CSS property to change the border of an element to Hex 1F002C is called "border". The border property can be set on classes, ids or directly on the HTML element.

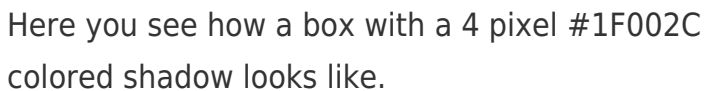
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F002C }
```

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

```
.border{ border-color:#1F002C }
```

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



Here you see how a box with a 4 pixel #1F002C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F002C; -webkit-box-shadow:4px 4px  
4px 4px #1F002C; box-shadow:4px 4px 4px  
4px #1F002C }
```

Background

The CSS property to change the background color of an element to Hex 1F002C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F002C }
```

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

```
.background{ background-color:#1F002C }
```

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