

Converting Colors

Hex(18012C)

Have a look what the booklet for
Hex(18012C) contains.

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Color

Hex(18012C)

Conversions

Conversions Part 1

Format	Color
Hex	18012C
RGB	24, 1, 44
RGB Percent	9%, 0%, 17%
CMY	0.9059, 0.9961, 0.8275
CMYK	0.45, 0.98, 0.00, 0.83
HSL	272°, 96%, 9%
HSV	272°, 98%, 17%
XYZ	0.8422, 0.3977, 2.4153
YIQ	12.7790, -0.0950, 18.2490

Conversions

Conversions Part 2

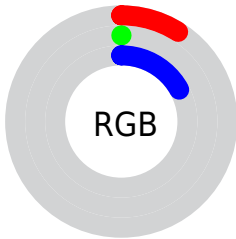
Format	Color
R_{YB}	24, 1, 44
Decimal	1573164
CIE _{Lab}	3.59, 19.01, -22.41
CIE _{LCh}	4, 29.392, 310.305
Yxy	0.3977, 0.2304, 0.1088
Android (android.graphics.Color)	4279763244 (0xFF18012C)
YUV	12.7790, 15.3920, 9.8408
Hunter-Lab	6.3067, 12.7992, -18.2913

Details

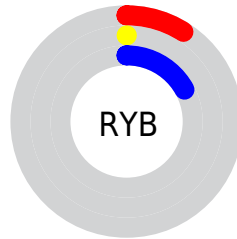
The Hex color **18012C** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **152C01**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **432F5A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **18002C**, and if you desaturate by 10%, it is **1A052C**.

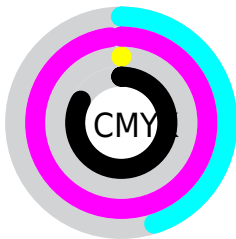
Distribution



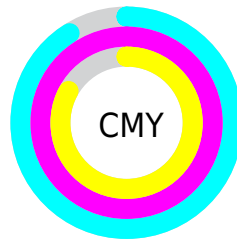
- Red (9%)
- Green (0%)
- Blue (17%)



- Red (9%)
- Yellow (0%)
- Blue (17%)



- Cyan (45%)
- Magenta (98%)
- Yellow (0%)
- Black (83%)



- Cyan (91%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18012C 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 18012C by changing the saturation by 10% instead.

 18012C

 18012C

 FEE2FF

 000117

 432F5A

 000000

 5B4673

 745E8C

 8E76A7

 A990C2

 C5ABDE

 E1C6FB

 18012C

 18012C

■ 18002C

■ 1A052C

■ 1C0A2C

■ 1E0E2C

■ 20132C

■ 22172C

■ 241B2C

■ 26202C

■ 28242C

■ 2A292C

Harmonies

Analogous

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



000D34



18012C



2A001C

Triad

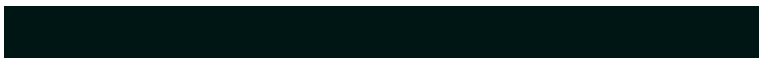
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18012C



1F0500



001615

Complementary

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



18012C



152C01

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.



001500



18012C



071000

Square

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



18012C



2B0000



001500



001627

Rectangle

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



18012C



2F000E



001500



00150D

Sweetspot

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



18012C



312838



01152C



17121C



9C9C9C



1C1C1C

Same Dimension

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



18012C



1E0038



2C012B



161517



2E0057



7300D6

Inverse Universe

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



2C0115



38001A



012C02



171516



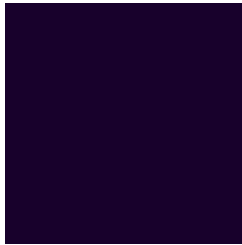
570028



D60064

Previews

White Background



This preview shows how the Hex color 18012C looks on a white background.

Color Contrast Check

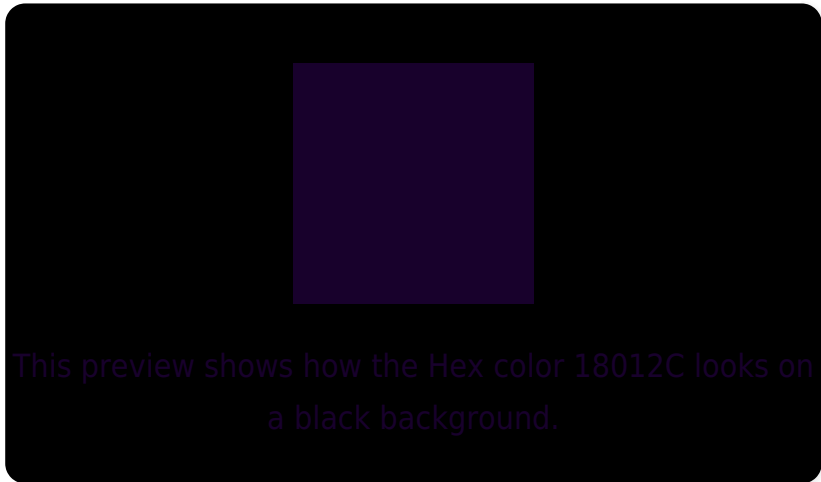
Large Text (above 18pt) WCAG AA ✓ Pass

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

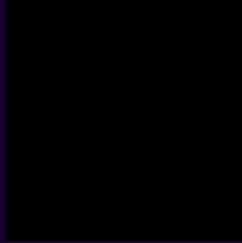
Any Text WCAG AA × Fail

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 18012C Background



This preview shows how black text looks on a background with the Hex color 18012C.



This preview shows how white text looks on a background with the Hex color 18012C.

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
18012C

Protanopia
001123

Tritanopia
121113

Trichromacy



Original Color
18012C

Protanomaly
090B26

Tritanomaly
140B1C

Monochromacy



Original Color
18012C

Achromatopsia
0D0D0D

Achromatomaly
110918

CSS Examples

Text

The CSS property to change the color of the text to Hex 18012C 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 #18012C looks like.

```
.text, #text, p{  
    color:#18012C  
}
```

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 #18012C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18012C
}
```

Border

The CSS property to change the border of an element to Hex 18012C is called "border". The border property can be set on classes, ids or directly on the HTML element.

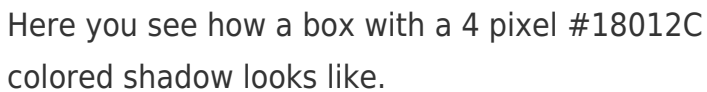
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#18012C }
```

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

```
.border{ border-color:#18012C }
```

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



Here you see how a box with a 4 pixel #18012C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18012C; -webkit-box-shadow:4px 4px  
4px 4px #18012C; box-shadow:4px 4px 4px  
4px #18012C }
```

Background

The CSS property to change the background color of an element to Hex 18012C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18012C }
```

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

```
.background{ background-color:#18012C }
```

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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