

Converting Colors

Hex(00182F)

Have a look what the booklet for
Hex(00182F) contains.

Hex(00182F)	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(00182F)

Conversions

Conversions Part 1

Format	Color
Hex	00182F
RGB	0, 24, 47
RGB Percent	0%, 9%, 18%
CMY	1.0000, 0.9059, 0.8157
CMYK	1.00, 0.49, 0.00, 0.82
HSL	209°, 100%, 9%
HSV	209°, 100%, 18%
XYZ	0.8397, 0.8585, 2.8108
YIQ	19.4460, -21.6870, 2.0650

Conversions

Conversions Part 2

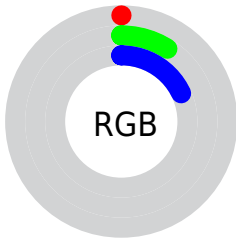
Format	Color
R_{YB}	0, 16, 47
Decimal	6191
CIE _{Lab}	7.75, 0.97, -18.15
CIE _{LCh}	8, 18.178, 273.067
Yxy	0.8585, 0.1862, 0.1904
Android (android.graphics.Color)	4278196271 (0xFF00182F)
YUV	19.4460, 13.5841, -17.0541
Hunter-Lab	9.2655, -0.0375, -11.5002

Details

The Hex color **00182F** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2F1700**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **30425D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00182F**, and if you desaturate by 10%, it is **051A2F**.

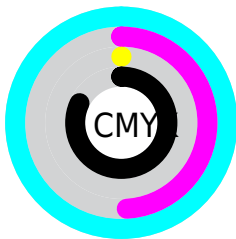
Distribution



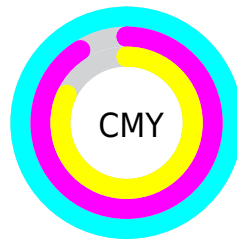
- Red (0%)
- Green (9%)
- Blue (18%)



- Red (0%)
- Yellow (6%)
- Blue (18%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (82%)



- Cyan (100%)
- Magenta (91%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00182F 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 00182F by changing the saturation by 10% instead.

■ 00182F

■ 00182F

■ E8F9FF

■ 00011A

■ 30425D

■ 000000

■ 485A76

■ 617290

■ 7A8CAA

■ 95A6C5

■ B0C1E1

■ CBDDFE

■ 00182F

■ 051A2F

■ 091D2F

■ 0E1F2F

■ 13212F

■ 18242F

■ 1C262F

■ 21282F

■ 262A2F

■ 2A2D2F

Harmonies

Analogous

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



001B2C



00182F



19132B

Triad

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



00182F



2C0E05



001D08

Complementary

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



00182F



2F1700

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.



111A00



00182F



271200

Square

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



00182F



2C0C16



1D1700



001E18

Rectangle

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



00182F



231026



1D1700



031C01

Sweetspot

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



00182F



2B343D



002F17



14191F



9E9E9E



1F1F1F

Same Dimension

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



00182F



001F3D



00012F



151617



002C57



006DD6

Inverse Universe

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



2F0018



3D001F



2F2E00



171516



57002C



D6006D

Previews

White Background



This preview shows how the Hex color 00182F looks on a white background.

Color Contrast Check

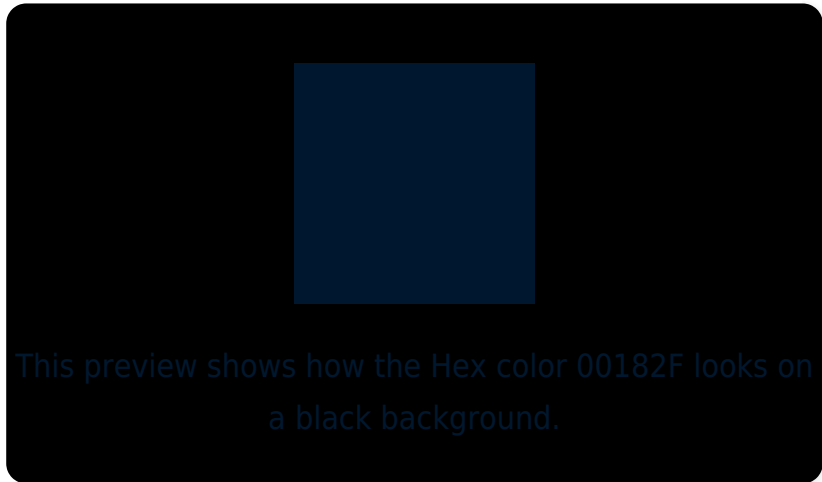
Large Text (above 18pt) WCAG AA ✓ Pass

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

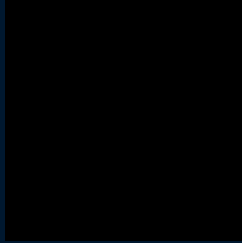
Any Text WCAG AA × Fail

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 00182F Background



This preview shows how black text looks on a background with the Hex color 00182F.



This preview shows how white text looks on a background with the Hex color 00182F.

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
00182F

Protanopia
0B172E

Deuteranopia
00192B



Tritanopia
001B1D

Trichromacy



Original Color

00182F

Protanomaly

07172E

Deuteranomaly

00192C

Tritanomaly

001A24

Monochromacy



Original Color

00182F

Achromatopsia

131313

Achromatomaly

0C151D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00182F 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 #00182F looks like.

```
.text, #text, p{  
    color:#00182F  
}
```

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 #00182F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00182F
}
```

Border

The CSS property to change the border of an element to Hex 00182F is called "border". The border property can be set on classes, ids or directly on the HTML element.

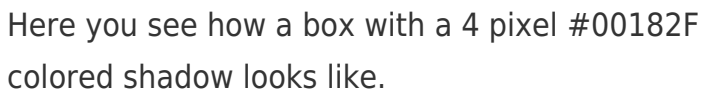
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00182F }
```

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

```
.border{ border-color:#00182F }
```

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



Here you see how a box with a 4 pixel #00182F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00182F; -webkit-box-shadow:4px 4px  
4px 4px #00182F; box-shadow:4px 4px 4px  
4px #00182F }
```

Background

The CSS property to change the background color of an element to Hex 00182F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00182F }
```

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

```
.background{ background-color:#00182F }
```

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