

Converting Colors

Hex(02182C)

Have a look what the booklet for
Hex(02182C) contains.

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Color

Hex(02182C)

Conversions

Conversions Part 1

Format	Color
Hex	02182C
RGB	2, 24, 44
RGB Percent	1%, 9%, 17%
CMY	0.9922, 0.9059, 0.8275
CMYK	0.95, 0.45, 0.00, 0.83
HSL	209°, 91%, 9%
HSV	209°, 95%, 17%
XYZ	0.8063, 0.8480, 2.5041
YIQ	19.7020, -19.5320, 1.5560

Conversions

Conversions Part 2

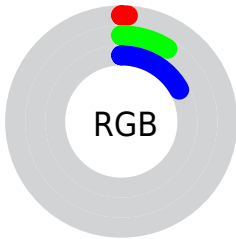
Format	Color
RYB	2, 16, 44
Decimal	137260
CIELab	7.66, 0.01, -16.08
CIELCh	8, 16.082, 270.040
Yxy	0.8480, 0.1939, 0.2039
Android (android.graphics.Color)	4278327340 (0xFF02182C)
YUV	19.7020, 11.9789, -15.5247
Hunter-Lab	9.2088, -0.4866, -9.6760

Details

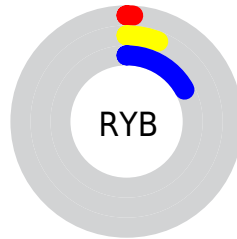
The Hex color **02182C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **2C1602**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **31425A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00172C**, and if you desaturate by 10%, it is **061A2C**.

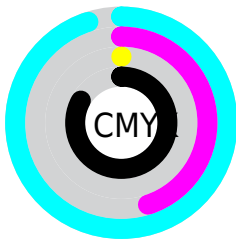
Distribution



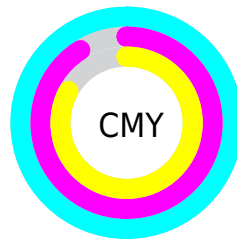
- Red (1%)
- Green (9%)
- Blue (17%)



- Red (1%)
- Yellow (6%)
- Blue (17%)



- Cyan (95%)
- Magenta (45%)
- Yellow (0%)
- Black (83%)



- Cyan (99%)
- Magenta (91%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02182C 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 02182C by changing the saturation by 10% instead.

■ 02182C

■ 02182C

■ E8FAFF

■ 000118

■ 31425A

■ 000000

■ 495A72

■ 61728C

■ 7B8CA6

■ 95A6C1

■ B0C1DD

■ CBDDFA

■ 02182C

■ 02182C

■ 00172C

■ 061A2C

■ 0B1C2C

■ 0F1E2C

■ 14202C

■ 18222C

■ 1C252C

■ 21272C

■ 25292C

■ 2A2B2C

Harmonies

Analogous

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



001B29



02182C



171429

Triad

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



02182C



2A0F09



011C08

Complementary

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



02182C



2C1602

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.



131900



02182C



261200

Square

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



02182C



2A0D17



1E1600



001D16

Rectangle

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



02182C



201125



1E1600



081B02

Sweetspot

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



02182C



283038



022C16



12171C



9C9C9C



1C1C1C

Same Dimension

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



02182C



001D38



02032C



151617



002D57



0070D6

Inverse Universe

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



2C0218



38001D



2C2B02



171516



57002D



D60070

Previews

White Background



This preview shows how the Hex color 02182C 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

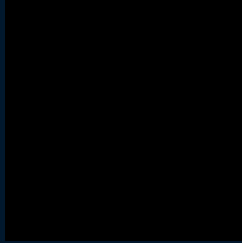
Any Text WCAG AA × Fail

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 02182C Background



This preview shows how black text looks on a background with the Hex color 02182C.



This preview shows how white text looks on a background with the Hex color 02182C.

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
02182C

Protanopia
0E172B

Deuteranopia
00182B

Trichromacy



Original Color
02182C

Protanomaly
0A172B

Deuteranomaly
01182B

Tritanomaly
011922

Monochromacy



Original Color
02182C

Achromatopsia
141414

Achromatomaly
0D151D

CSS Examples

Text

The CSS property to change the color of the text to Hex 02182C 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 #02182C looks like.

```
.text, #text, p{  
    color:#02182C  
}
```

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 #02182C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02182C
}
```

Border

The CSS property to change the border of an element to Hex 02182C is called "border". The border property can be set on classes, ids or directly on the HTML element.

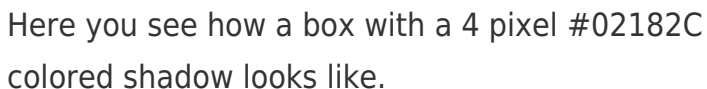
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#02182C }
```

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

```
.border{ border-color:#02182C }
```

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



Here you see how a box with a 4 pixel #02182C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02182C; -webkit-box-shadow:4px 4px  
4px 4px #02182C; box-shadow:4px 4px 4px  
4px #02182C }
```

Background

The CSS property to change the background color of an element to Hex 02182C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02182C }
```

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

```
.background{ background-color:#02182C }
```

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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