

Converting Colors

Hex(02181E)

Have a look what the booklet for
Hex(02181E) contains.

Hex(02181E)	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(02181E)

Conversions

Conversions Part 1

Format	Color
Hex	02181E
RGB	2, 24, 30
RGB Percent	1%, 9%, 12%
CMY	0.9922, 0.9059, 0.8824
CMYK	0.93, 0.20, 0.00, 0.88
HSL	193°, 88%, 6%
HSV	193°, 93%, 12%
XYZ	0.5860, 0.7599, 1.3441
YIQ	18.1060, -15.0380, -2.7980

Conversions

Conversions Part 2

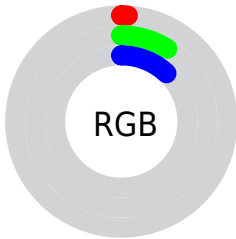
Format	Color
RYB	2, 14, 30
Decimal	137246
CIELab	6.86, -5.58, -6.80
CIELCh	7, 8.799, 230.625
Yxy	0.7599, 0.2178, 0.2825
Android (android.graphics.Color)	4278327326 (0xFF02181E)
YUV	18.1060, 5.8637, -14.1250
Hunter-Lab	8.7173, -3.2557, -3.0396

Details

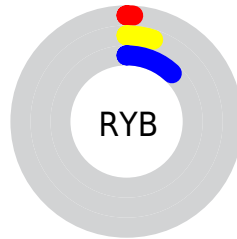
The Hex color **02181E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1E0802**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **2F424A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00181E**, and if you desaturate by 10%, it is **05191E**.

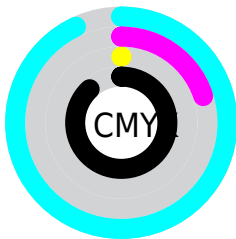
Distribution



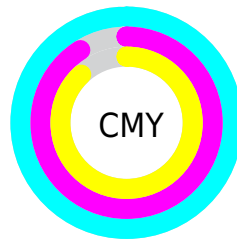
- Red (1%)
- Green (9%)
- Blue (12%)



- Red (1%)
- Yellow (5%)
- Blue (12%)



- Cyan (93%)
- Magenta (20%)
- Yellow (0%)
- Black (88%)



- Cyan (99%)
- Magenta (91%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02181E 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 02181E by changing the saturation by 10% instead.

■ 02181E

■ 02181E

■ E3FAFF

■ 000003

■ 2F424A

■ 000000

■ 465A61

■ 5E727A

■ 778C94

■ 91A6AF

■ ACC1CA

■ C7DDE6

■ 02181E

■ 02181E

■ 00181E

■ 05191E

■ 08191E

■ 0B1A1E

■ 0E1B1E

■ 111B1E

■ 141C1E

■ 171C1E

■ 1A1D1E

■ 1D1E1E

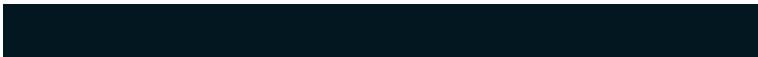
Harmonies

Analogous

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



001919



02181E



0A1621

Triad

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



02181E



201117



161605

Complementary

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



02181E



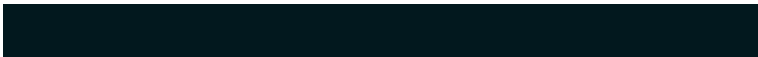
1E0802

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.



1C1404



02181E



211111

Square

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



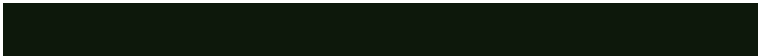
02181E



1B121D



201209



0D180B

Rectangle

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



02181E



111521



201209



181504

Sweetspot

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



02181E



1C2426



021E08



0D1314



949494



141414

Same Dimension

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



02181E



001E26



020A1E



0E0F0F



003E4F



00A2CF

Inverse Universe

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



1E0218



26001E



1E1602



0F0E0F



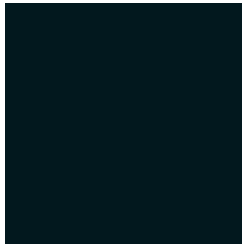
4F003E



CF00A2

Previews

White Background



This preview shows how the Hex color 02181E looks on a white background.

Color Contrast Check

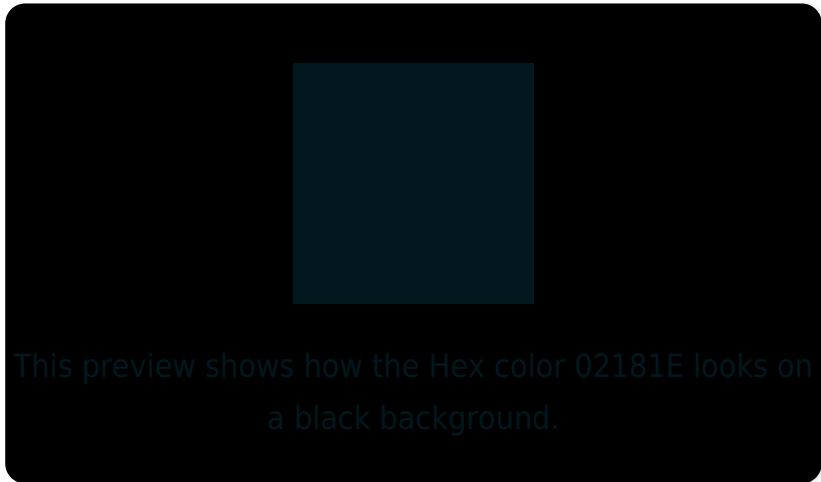
Large Text (above 18pt) WCAG AA ✓ Pass

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

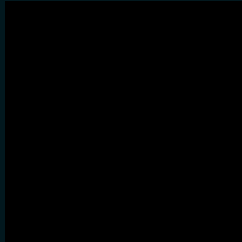
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

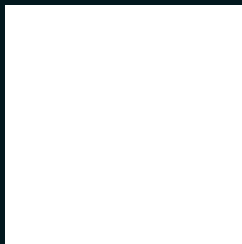
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 02181E Background



This preview shows how black text looks on a background with the Hex color 02181E.

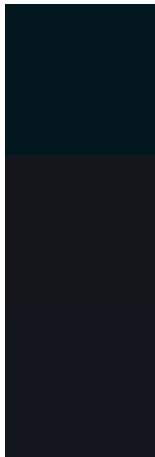


This preview shows how white text looks on a background with the Hex color 02181E.

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
02181E

Protanopia
14161C

Deuteranopia
13161F



Tritanopia
00181A

Trichromacy



Original Color
02181E

Protanomaly
0D171D

Deuteranomaly
0D171F

Tritanomaly
01181B

Monochromacy



Original Color
02181E

Achromatopsia
121212

Achromatomaly
0C1416

CSS Examples

Text

The CSS property to change the color of the text to Hex 02181E 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 #02181E looks like.

```
.text, #text, p{  
    color:#02181E  
}
```

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 #02181E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02181E
}
```

Border

The CSS property to change the border of an element to Hex 02181E is called "border". The border property can be set on classes, ids or directly on the HTML element.

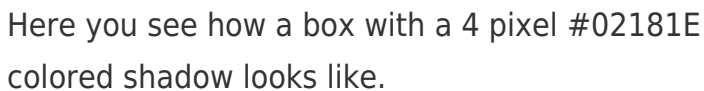
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#02181E }
```

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

```
.border{ border-color:#02181E }
```

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



Here you see how a box with a 4 pixel #02181E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02181E; -webkit-box-shadow:4px 4px  
4px 4px #02181E; box-shadow:4px 4px 4px  
4px #02181E }
```

Background

The CSS property to change the background color of an element to Hex 02181E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02181E }
```

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

```
.background{ background-color:#02181E }
```

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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