

Converting Colors

Hex(00183B)

Have a look what the booklet for
Hex(00183B) contains.

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Color

Hex(00183B)

Conversions

Conversions Part 1

Format	Color
Hex	00183B
RGB	0, 24, 59
RGB Percent	0%, 9%, 23%
CMY	1.0000, 0.9059, 0.7686
CMYK	1.00, 0.59, 0.00, 0.77
HSL	216°, 100%, 12%
HSV	216°, 100%, 23%
XYZ	1.1161, 0.9690, 4.2659
YIQ	20.8140, -25.5390, 5.7970

Conversions

Conversions Part 2

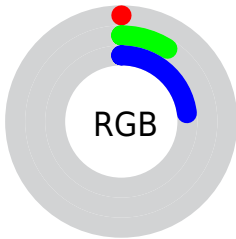
Format	Color
RYB	0, 17, 59
Decimal	6203
CIELab	8.73, 7.05, -25.29
CIELCh	9, 26.252, 285.572
Yxy	0.9690, 0.1757, 0.1526
Android (android.graphics.Color)	4278196283 (0xFF00183B)
YUV	20.8140, 18.8257, -18.2539
Hunter-Lab	9.8440, 3.0104, -18.8026

Details

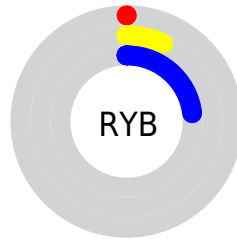
The Hex color **00183B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3B2300**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **35426B**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **00183B**, and if you desaturate by 10%, it is **061B3B**.

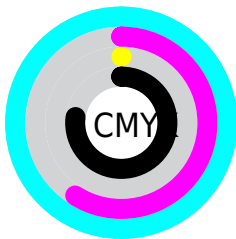
Distribution



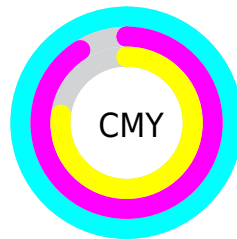
- Red (0%)
- Green (9%)
- Blue (23%)



- Red (0%)
- Yellow (7%)
- Blue (23%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (77%)



- Cyan (100%)
- Magenta (91%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00183B 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 00183B by changing the saturation by 10% instead.

 00183B

 00183B

 F0F9FF

 000125

 35426B

 00010E

 4E5984

 000000

 67729E

 818BB9

 9CA6D5

 B7C1F2

 D3DDFF

 00183B

■ 061B3B

■ 0C1F3B

■ 12223B

■ 18263B

■ 1D293B

■ 232D3B

■ 29303B

■ 2F343B

■ 35373B

Harmonies

Analogous

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



001D3B



00183B



250F32

Triad

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



00183B



330C00



00210E

Complementary

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



00183B



3B2300

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.



001F00



00183B



281500

Square

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



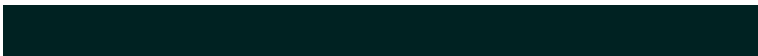
00183B



37050F



181B00



002222

Rectangle

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



00183B



300928



181B00



002104

Sweetspot

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



00183B



363F4D



003B22



181E26



A6A6A6



262626

Same Dimension

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



00183B



001F4D



05003B



1C1D1F



00265E



005ADE

Inverse Universe

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



3B0018



4D001F



363B00



1F1C1D



5E0026



DE005A

Previews

White Background



This preview shows how the Hex color 00183B looks on a white background.

Color Contrast Check

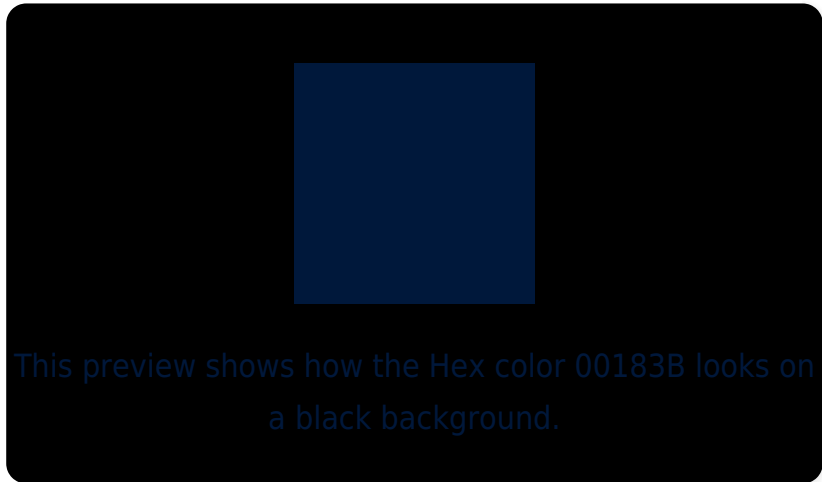
Large Text (above 18pt) WCAG AA ✓ Pass

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

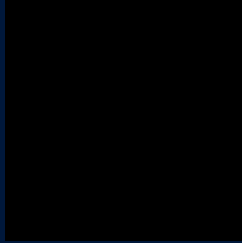
Any Text WCAG AA × Fail

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 00183B Background



This preview shows how black text looks on a background with the Hex color 00183B.



This preview shows how white text looks on a background with the Hex color 00183B.

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
00183B

Protanopia
001936

Deuteranopia
001B2E



Tritanopia
001D1F

Trichromacy



Original Color
00183B

Protanomaly
001938

Deuteranomaly
001A33

Tritanomaly
001B29

Monochromacy



Original Color
00183B

Achromatopsia
151515

Achromatomaly
0D1623

CSS Examples

Text

The CSS property to change the color of the text to Hex 00183B 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 #00183B looks like.

```
.text, #text, p{  
    color:#00183B  
}
```

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 #00183B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00183B
}
```

Border

The CSS property to change the border of an element to Hex 00183B is called "border". The border property can be set on classes, ids or directly on the HTML element.

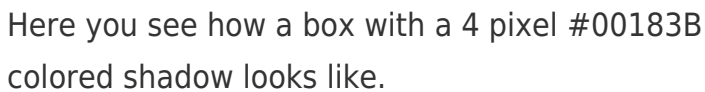
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00183B }
```

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

```
.border{ border-color:#00183B }
```

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



Here you see how a box with a 4 pixel #00183B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00183B; -webkit-box-shadow:4px 4px  
4px 4px #00183B; box-shadow:4px 4px 4px  
4px #00183B }
```

Background

The CSS property to change the background color of an element to Hex 00183B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00183B }
```

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

```
.background{ background-color:#00183B }
```

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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