

Converting Colors

Hex(17193B)

Have a look what the booklet for
Hex(17193B) contains.

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Color

Hex(17193B)

Conversions

Conversions Part 1

Format	Color
Hex	17193B
RGB	23, 25, 59
RGB Percent	9%, 10%, 23%
CMY	0.9098, 0.9020, 0.7686
CMYK	0.61, 0.58, 0.00, 0.77
HSL	237°, 44%, 16%
HSV	237°, 61%, 23%
XYZ	1.4904, 1.1932, 4.2894
YIQ	28.2780, -12.1060, 10.1500

Conversions

Conversions Part 2

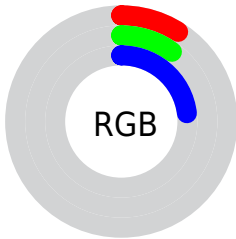
Format	Color
R_{YB}	23, 25, 59
Decimal	1513787
CIE Lab	10.51, 10.89, -22.35
CIE LCh	11, 24.864, 295.985
Yxy	1.1932, 0.2137, 0.1711
Android (android.graphics.Color)	4279703867 (0xFF17193B)
YUV	28.2780, 15.1459, -4.6288
Hunter-Lab	10.9233, 5.2391, -15.6360

Details

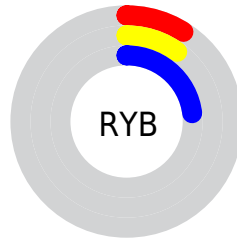
The Hex color **17193B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3B3917**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **46446B**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **11133B**, and if you desaturate by 10%, it is **1D1F3B**.

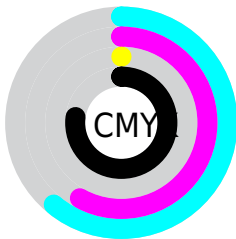
Distribution



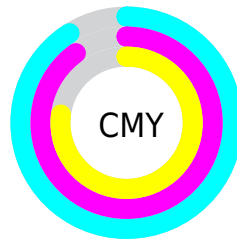
- Red (9%)
- Green (10%)
- Blue (23%)



- Red (9%)
- Yellow (10%)
- Blue (23%)



- Cyan (61%)
- Magenta (58%)
- Yellow (0%)
- Black (77%)



- Cyan (91%)
- Magenta (90%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17193B 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 17193B by changing the saturation by 10% instead.

■ 17193B

■ 17193B

■ FFFBFF

■ 020025

■ 46446B

■ 00010E

■ 5E5B84

■ 000000

■ 77749E

■ 918DB9

■ ACA8D5

■ C8C3F1

■ E4DFFF

■ 17193B

■ 17193B

■ 11133B

■ 1D1F3B

■ 0B0E3B

■ 23243B

■ 05083B

■ 292A3B

■ 00033B

■ 2F2F3B

■ 35353B

■ 3A3A3B

■ 40403B

■ 46463B

■ 4C4B3B

Harmonies

Analogous

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



001F3E



17193B



2E1130

Triad

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



17193B



331400



00241A

Complementary

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



17193B



3B3917

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.



002303



17193B



271B00

Square

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



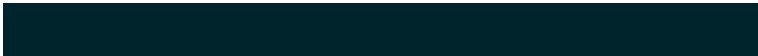
17193B



3A0C0D



182000



00242B

Rectangle

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



17193B



370C25



182000



002414

Sweetspot

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



17193B



3F3F4D



173B39



1E1E26



A6A6A6



262626

Same Dimension

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



17193B



15184D



27173B



1C1C1F



00055E



000CDE

Inverse Universe

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



3B1719



4D1518



2B3B17



1F1C1C



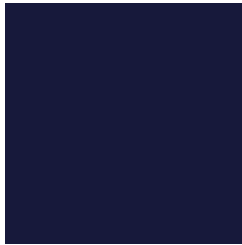
5E0005



DE000C

Previews

White Background



This preview shows how the Hex color 17193B looks on a white background.

Color Contrast Check

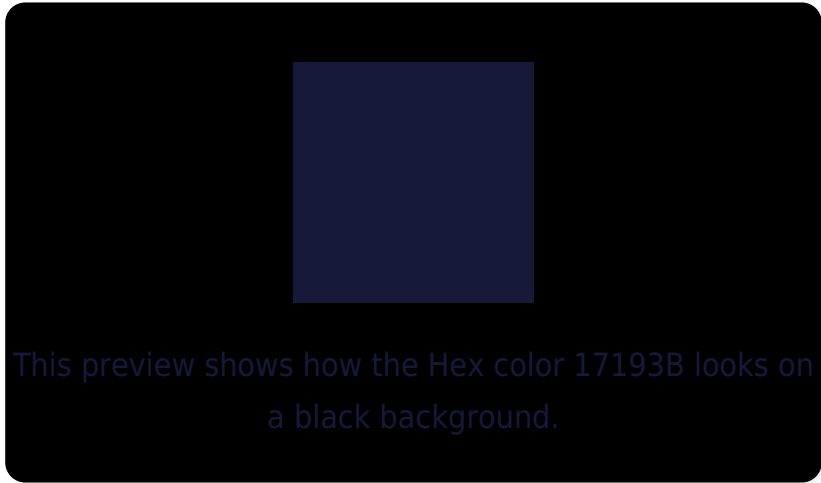
Large Text (above 18pt) WCAG AA ✓ Pass

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

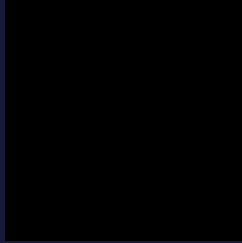
Any Text WCAG AA × Fail

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 17193B Background



This preview shows how black text looks on a background with the Hex color 17193B.



This preview shows how white text looks on a background with the Hex color 17193B.

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
17193B

Protanopia
001C3B

Tritanopia
0B2022

Trichromacy



Original Color
17193B

Protanomaly
081B3B

Tritanomaly
0F1D2B

Monochromacy



Original Color
17193B

Achromatopsia
1C1C1C

Achromatomaly
1A1B27

CSS Examples

Text

The CSS property to change the color of the text to Hex 17193B 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 #17193B looks like.

```
.text, #text, p{  
    color:#17193B  
}
```

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 #17193B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17193B
}
```

Border

The CSS property to change the border of an element to Hex 17193B is called "border". The border property can be set on classes, ids or directly on the HTML element.

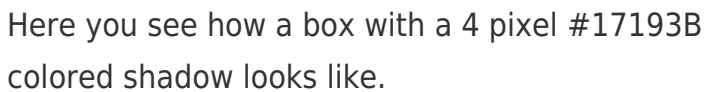
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#17193B }
```

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

```
.border{ border-color:#17193B }
```

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



Here you see how a box with a 4 pixel #17193B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17193B; -webkit-box-shadow:4px 4px  
4px 4px #17193B; box-shadow:4px 4px 4px  
4px #17193B }
```

Background

The CSS property to change the background color of an element to Hex 17193B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17193B }
```

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

```
.background{ background-color:#17193B }
```

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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