

Converting Colors

Hex(18193D)

Have a look what the booklet for
Hex(18193D) contains.

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Color

Hex(18193D)

Conversions

Conversions Part 1

Format	Color
Hex	18193D
RGB	24, 25, 61
RGB Percent	9%, 10%, 24%
CMY	0.9059, 0.9020, 0.7608
CMYK	0.61, 0.59, 0.00, 0.76
HSL	238°, 44%, 17%
HSV	238°, 61%, 24%
XYZ	1.5666, 1.2264, 4.5690
YIQ	28.8050, -12.1520, 10.9840

Conversions

Conversions Part 2

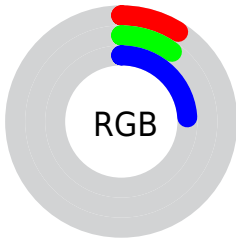
Format	Color
R_{YB}	24, 25, 61
Decimal	1579325
CIE Lab	10.75, 11.94, -23.38
CIE LCh	11, 26.252, 297.059
Yxy	1.2264, 0.2128, 0.1666
Android (android.graphics.Color)	4279769405 (0xFF18193D)
YUV	28.8050, 15.8721, -4.2140
Hunter-Lab	11.0742, 5.8720, -16.7102

Details

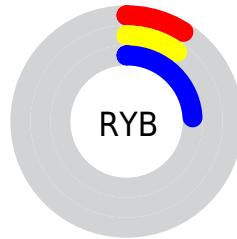
The Hex color **18193D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3D3C18**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **47446D**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **12133D**, and if you desaturate by 10%, it is **1E1F3D**.

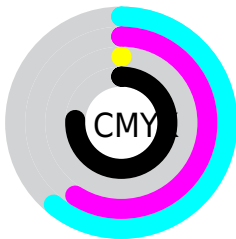
Distribution



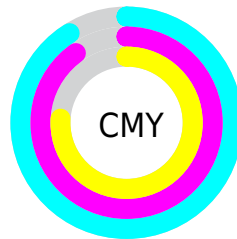
- Red (9%)
- Green (10%)
- Blue (24%)



- Red (9%)
- Yellow (10%)
- Blue (24%)



- Cyan (61%)
- Magenta (59%)
- Yellow (0%)
- Black (76%)



- Cyan (91%)
- Magenta (90%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18193D 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 18193D by changing the saturation by 10% instead.

■ 18193D

■ 18193D

■ FFFCFF

■ 030027

■ 47446D

■ 000111

■ 5F5B86

■ 000000

■ 7974A1

■ 938DBC

■ AEA8D8

■ C9C3F4

■ E6DFFF

■ 18193D

■ 18193D

■ 12133D

■ 1E1F3D

■ 0C0D3D

■ 24253D

■ 06073D

■ 2A2B3D

■ 00023D

■ 30313D

■ 37373D

■ 3D3D3D

■ 43433D

■ 49483D

■ 4F4E3D

Harmonies

Analogous

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



002041



18193D



301031

Triad

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



18193D



341400



00251B

Complementary

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



18193D



3D3C18

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.



002403



18193D



271C00

Square

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



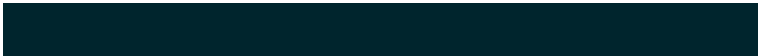
18193D



3C0C0B



172100



00252D

Rectangle

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



18193D



390B25



172100



002514

Sweetspot

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



18193D



41414F



183D3C



202029



A8A8A8



292929

Same Dimension

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



18193D



15174F



29183D



1C1C1F



00035E



0006DE

Inverse Universe

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



3D1819



4F1517



2C3D18



1F1C1C



5E0003



DE0006

Previews

White Background



This preview shows how the Hex color 18193D looks on a white background.

Color Contrast Check

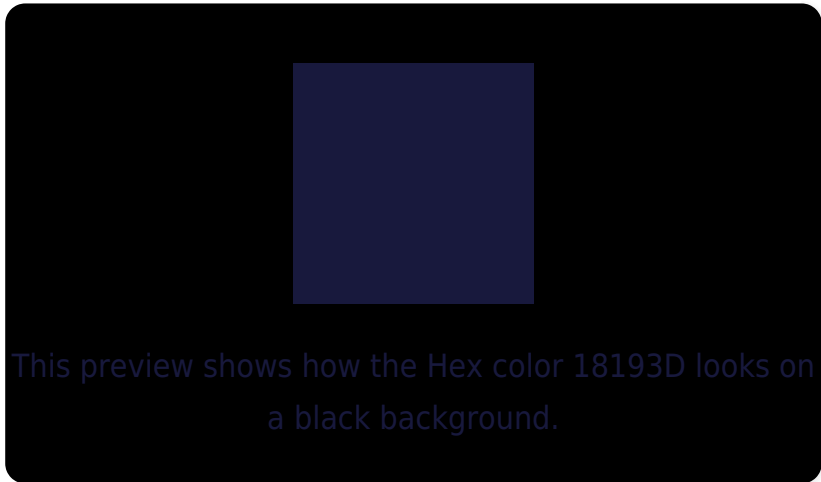
Large Text (above 18pt) WCAG AA ✓ Pass

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

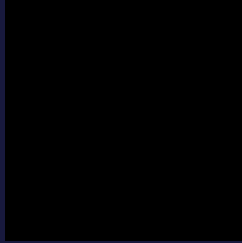
Any Text WCAG AA × Fail

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 18193D Background



This preview shows how black text looks on a background with the Hex color 18193D.



This preview shows how white text looks on a background with the Hex color 18193D.

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
18193D

Protanopia
001C3C

Deuteranopia
001E34

Trichromacy



Original Color

18193D

Protanomaly

091B3C

Deuteranomaly

091C37

Tritanomaly

101D2C

Monochromacy



Original Color

18193D

Achromatopsia

1D1D1D

Achromatomaly

1B1C29

CSS Examples

Text

The CSS property to change the color of the text to Hex 18193D 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 #18193D looks like.

```
.text, #text, p{  
    color:#18193D  
}
```

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 #18193D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18193D
}
```

Border

The CSS property to change the border of an element to Hex 18193D is called "border". The border property can be set on classes, ids or directly on the HTML element.

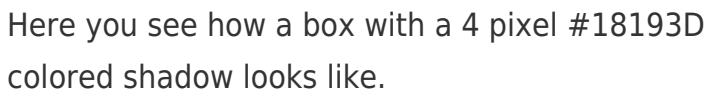
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#18193D }
```

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

```
.border{ border-color:#18193D }
```

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



Here you see how a box with a 4 pixel #18193D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18193D; -webkit-box-shadow:4px 4px  
4px 4px #18193D; box-shadow:4px 4px 4px  
4px #18193D }
```

Background

The CSS property to change the background color of an element to Hex 18193D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18193D }
```

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

```
.background{ background-color:#18193D }
```

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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