

Converting Colors

Hex(13183D)

Have a look what the booklet for
Hex(13183D) contains.

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Color

Hex(13183D)

Conversions

Conversions Part 1

Format	Color
Hex	13183D
RGB	19, 24, 61
RGB Percent	7%, 9%, 24%
CMY	0.9255, 0.9059, 0.7608
CMYK	0.69, 0.61, 0.00, 0.76
HSL	233°, 53%, 16%
HSV	233°, 69%, 24%
XYZ	1.4375, 1.1286, 4.5570
YIQ	26.7230, -14.8570, 10.4470

Conversions

Conversions Part 2

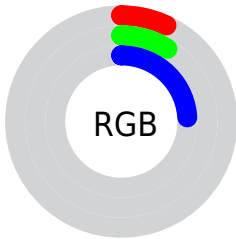
Format	Color
R_{YB}	19, 23, 61
Decimal	1251389
CIE _{Lab}	10.02, 11.49, -24.58
CIE _{LCh}	10, 27.131, 295.065
Yxy	1.1286, 0.2018, 0.1584
Android (android.graphics.Color)	4279441469 (0xFF13183D)
YUV	26.7230, 16.8986, -6.7731
Hunter-Lab	10.6237, 5.5613, -17.9953

Details

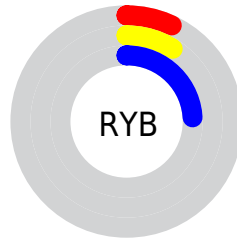
The Hex color **13183D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3D3813**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **43436D**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **0D133D**, and if you desaturate by 10%, it is **191D3D**.

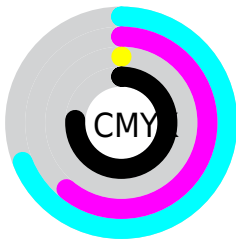
Distribution



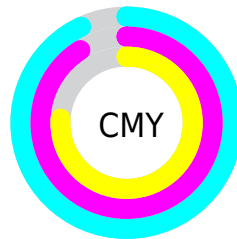
- Red (7%)
- Green (9%)
- Blue (24%)



- Red (7%)
- Yellow (9%)
- Blue (24%)



- Cyan (69%)
- Magenta (61%)
- Yellow (0%)
- Black (76%)



- Cyan (93%)
- Magenta (91%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13183D 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 13183D by changing the saturation by 10% instead.

■ 13183D

■ 13183D

■ FEFAFF

■ 000027

■ 43436D

■ 000111

■ 5B5A86

■ 000000

■ 7472A1

■ 8F8CBC

■ A9A6D8

■ C5C1F4

■ E1DDFF

■ 13183D

■ 13183D

■ 0D133D

■ 191D3D

■ 070D3D

■ 1F233D

■ 01083D

■ 25283D

■ 00073D

■ 2B2D3D

■ 31333D

■ 38383D

■ 3E3E3D

■ 44433D

■ 4A483D

Harmonies

Analogous

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



001F40



13183D



2E0E31

Triad

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



13183D



341200



002418

Complementary

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



13183D



3D3813

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.



002200



13183D



261A00

Square

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



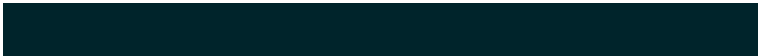
13183D



3B080A



151F00



00242B

Rectangle

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



13183D



370825



151F00



002411

Sweetspot

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



13183D



3E404F



133D37



1F2029



A8A8A8



292929

Same Dimension

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



13183D



0D154F



22133D



1C1C1F



000B5E



001ADE

Inverse Universe

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



3D1318



4F0D15



2E3D13



1F1C1C



5E000B



DE001A

Previews

White Background



This preview shows how the Hex color 13183D looks on a white background.

Color Contrast Check

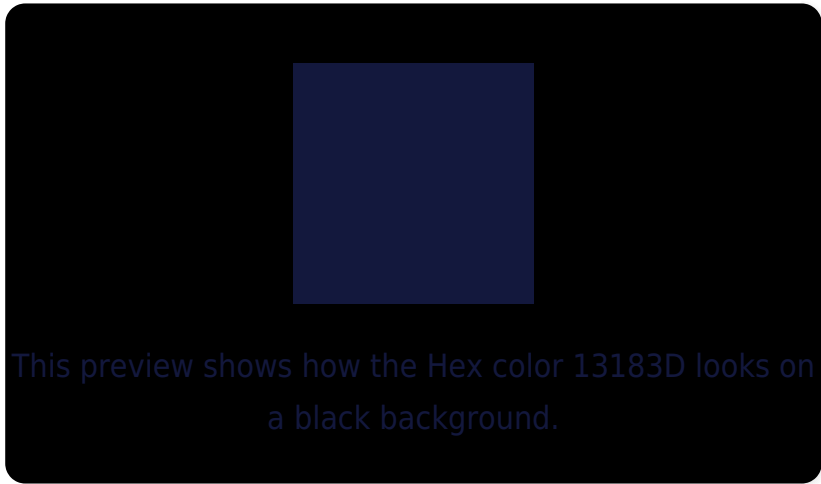
Large Text (above 18pt) WCAG AA ✓ Pass

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

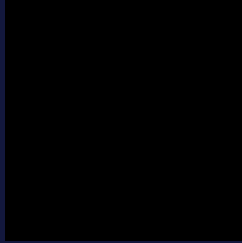
Any Text WCAG AA × Fail

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 13183D Background



This preview shows how black text looks on a background with the Hex color 13183D.



This preview shows how white text looks on a background with the Hex color 13183D.

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
13183D

Protanopia
001B39

Deuteranopia
001D31



Tritanopia
001F21

Trichromacy



Original Color
13183D

Protanomaly
071A3A

Deuteranomaly
071B35

Tritanomaly
071C2B

Monochromacy



Original Color
13183D

Achromatopsia
1B1B1B

Achromatomaly
181A27

CSS Examples

Text

The CSS property to change the color of the text to Hex 13183D 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 #13183D looks like.

```
.text, #text, p{  
    color:#13183D  
}
```

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 #13183D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13183D
}
```

Border

The CSS property to change the border of an element to Hex 13183D is called "border". The border property can be set on classes, ids or directly on the HTML element.

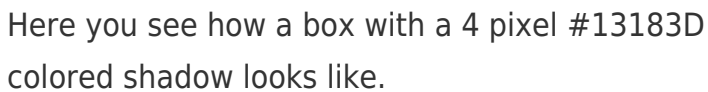
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#13183D }
```

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

```
.border{ border-color:#13183D }
```

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



Here you see how a box with a 4 pixel #13183D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13183D; -webkit-box-shadow:4px 4px  
4px 4px #13183D; box-shadow:4px 4px 4px  
4px #13183D }
```

Background

The CSS property to change the background color of an element to Hex 13183D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13183D }
```

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

```
.background{ background-color:#13183D }
```

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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