

Converting Colors

Hex(18003D)

Have a look what the booklet for
Hex(18003D) contains.

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Color

Hex(18003D)

Conversions

Conversions Part 1

Format	Color
Hex	18003D
RGB	24, 0, 61
RGB Percent	9%, 0%, 24%
CMY	0.9059, 1.0000, 0.7608
CMYK	0.61, 1.00, 0.00, 0.76
HSL	264°, 100%, 12%
HSV	264°, 100%, 24%
XYZ	1.2190, 0.5311, 4.4531
YIQ	14.1300, -5.2770, 24.0590

Conversions

Conversions Part 2

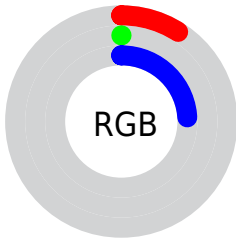
Format	Color
R_{YB}	24, 0, 61
Decimal	1572925
CIE _{Lab}	4.80, 27.39, -33.05
CIE _{LCh}	5, 42.926, 309.653
Yxy	0.5311, 0.1965, 0.0856
Android (android.graphics.Color)	4279763005 (0xFF18003D)
YUV	14.1300, 23.1069, 8.6560
Hunter-Lab	7.2877, 17.1035, -31.1275

Details

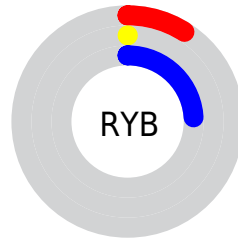
The Hex color **18003D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **253D00**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **482D6D**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **18003D**, and if you desaturate by 10%, it is **1C063D**.

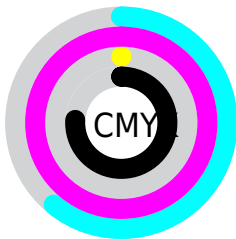
Distribution



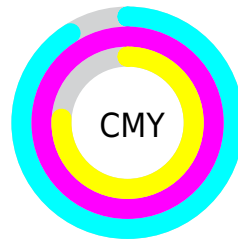
- Red (9%)
- Green (0%)
- Blue (24%)



- Red (9%)
- Yellow (0%)
- Blue (24%)



- Cyan (61%)
- Magenta (100%)
- Yellow (0%)
- Black (76%)



- Cyan (91%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18003D 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 18003D by changing the saturation by 10% instead.

 18003D

 18003D

 FFE1FF

 000027

 482D6D

 000110

 614487

 000000

 7B5CA1

 9675BD

 B18ED8

 CDA9F5

 E9C4FF

 18003D

■ 1C063D

■ 1F0C3D

■ 23123D

■ 27183D

■ 2B1F3D

■ 2E253D

■ 322B3D

■ 36313D

■ 39373D

Harmonies

Analogous

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



00124A



18003D



360025

Triad

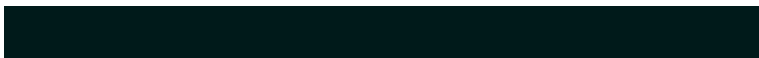
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18003D



270500



001A1A

Complementary

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



18003D



253D00

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.



001900



18003D



081400

Square

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



18003D



360000



001900



001C35

Rectangle

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



18003D



3D0012



001900



001A0F

Sweetspot

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



18003D



41374F



00263D



201A29



A8A8A8



292929

Same Dimension

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



18003D



1F004F



36003D



1D1C1F



25005E



5700DE

Inverse Universe

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



3D0025



4F0030



073D00



1F1C1D



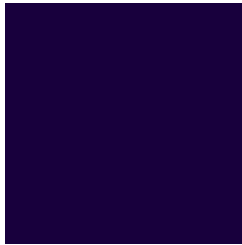
5E0039



DE0087

Previews

White Background



This preview shows how the Hex color 18003D looks on a white background.

Color Contrast Check

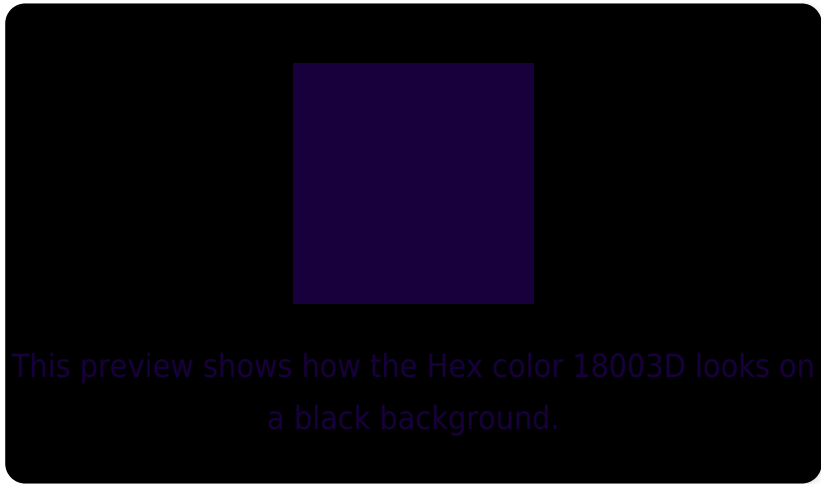
Large Text (above 18pt) WCAG AA ✓ Pass

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

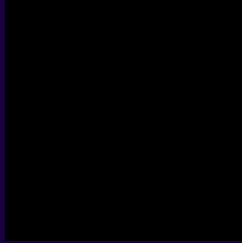
Any Text WCAG AA × Fail

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 18003D Background



This preview shows how black text looks on a background with the Hex color 18003D.



This preview shows how white text looks on a background with the Hex color 18003D.

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
18003D

Protanopia
00152C

Deuteranopia
001625



Tritanopia
05181A

Trichromacy



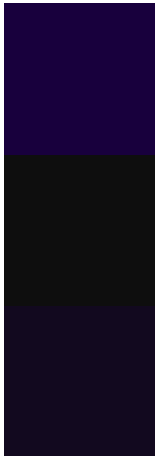
Original Color
18003D

Protanomaly
090D32

Deuteranomaly
090E2E

Tritanomaly
0C0F27

Monochromacy



Original Color
18003D

Achromatopsia
0E0E0E

Achromatomaly
12091F

CSS Examples

Text

The CSS property to change the color of the text to Hex 18003D 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 #18003D looks like.

```
.text, #text, p{  
    color:#18003D  
}
```

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 #18003D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18003D
}
```

Border

The CSS property to change the border of an element to Hex 18003D is called "border". The border property can be set on classes, ids or directly on the HTML element.

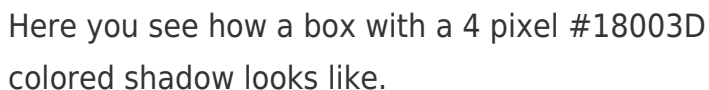
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#18003D }
```

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

```
.border{ border-color:#18003D }
```

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



Here you see how a box with a 4 pixel #18003D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18003D; -webkit-box-shadow:4px 4px  
4px 4px #18003D; box-shadow:4px 4px 4px  
4px #18003D }
```

Background

The CSS property to change the background color of an element to Hex 18003D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18003D }
```

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

```
.background{ background-color:#18003D }
```

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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