

Converting Colors

Hex(18004D)

Have a look what the booklet for
Hex(18004D) contains.

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Color

Hex(18004D)

Conversions

Conversions Part 1

Format	Color
Hex	18004D
RGB	24, 0, 77
RGB Percent	9%, 0%, 30%
CMY	0.9059, 1.0000, 0.6980
CMYK	0.69, 1.00, 0.00, 0.70
HSL	259°, 100%, 15%
HSV	259°, 100%, 30%
XYZ	1.7162, 0.7300, 7.0716
YIQ	15.9540, -10.4130, 29.0350

Conversions

Conversions Part 2

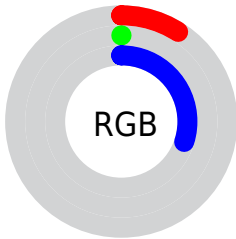
Format	Color
RYB	24, 0, 77
Decimal	1572941
CIELab	6.59, 33.79, -41.44
CIELCh	7, 53.465, 309.192
Yxy	0.7300, 0.1803, 0.0767
Android (android.graphics.Color)	4279763021 (0xFF18004D)
YUV	15.9540, 30.0957, 7.0563
Hunter-Lab	8.5441, 20.9031, -43.0914

Details

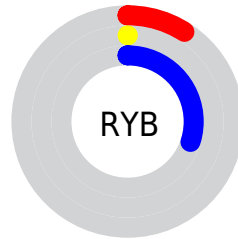
The Hex color **18004D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **354D00**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **4D2D7F**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **18004D**, and if you desaturate by 10%, it is **1D084D**.

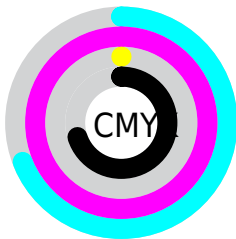
Distribution



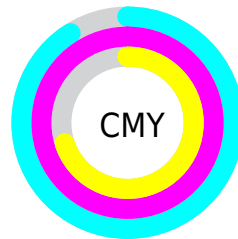
- Red (9%)
- Green (0%)
- Blue (30%)



- Red (9%)
- Yellow (0%)
- Blue (30%)



- Cyan (69%)
- Magenta (100%)
- Yellow (0%)
- Black (70%)



- Cyan (91%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18004D 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 18004D by changing the saturation by 10% instead.


 18004D

 18004D

 FFE2FF

 000036

 4D2D7F

 00021F

 674499

 000003

 825CB4

 000000

 9D75D0

 B98FED

 D5AAFF

 F2C6FF

 18004D

■ 1D084D

■ 230F4D

■ 28174D

■ 2D1F4D

■ 33274D

■ 382E4D

■ 3D364D

■ 423E4D

■ 48454D

Harmonies

Analogous

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



00185D



18004D



42002E

Triad

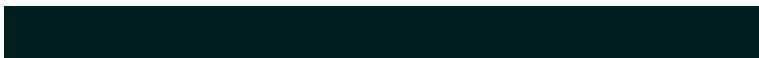
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18004D



2E0700



00201F

Complementary

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



18004D



354D00

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



18004D



0E1800

Square

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



18004D



420000



001F00



002242

Rectangle

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



18004D



4A0018



001F00



001F13

Sweetspot

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



18004D



4F4663



00364D



262133



B3B3B3



333333

Same Dimension

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



18004D



1F0063



3E004D



242226



200066



4800E6

Inverse Universe

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



4D0035



630044



0F4D00



262225



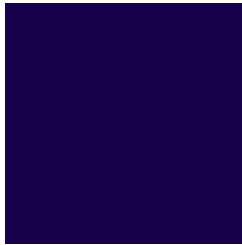
660046



E6009E

Previews

White Background



This preview shows how the Hex color 18004D looks on a white background.

Color Contrast Check

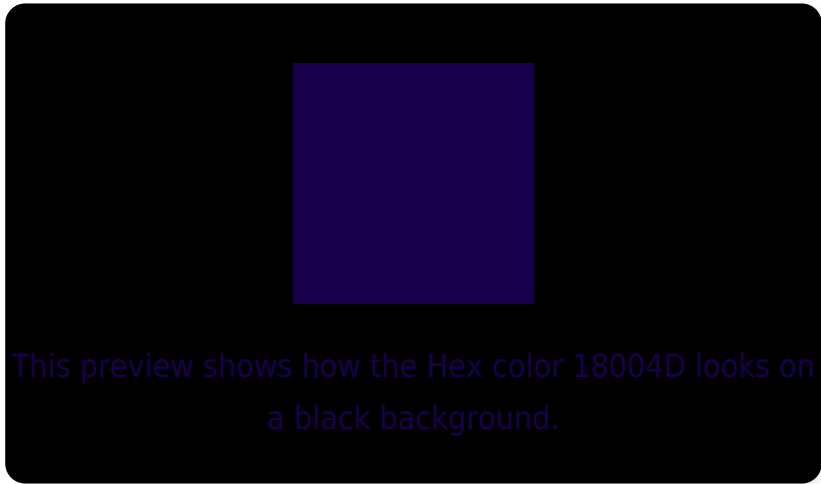
Large Text (above 18pt) WCAG AA ✓ Pass

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

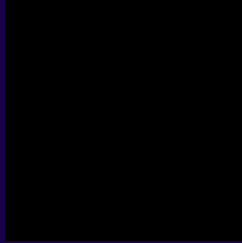
Any Text WCAG AA × Fail

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 18004D Background



This preview shows how black text looks on a background with the Hex color 18004D.



This preview shows how white text looks on a background with the Hex color 18004D.

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
18004D

Protanopia
001934

Deuteranopia
001A2C



Tritanopia
001C1E

Trichromacy



Original Color
18004D

Protanomaly
09103D

Deuteranomaly
091138

Tritanomaly
09122F

Monochromacy



Original Color
18004D

Achromatopsia
101010

Achromatomaly
130A26

CSS Examples

Text

The CSS property to change the color of the text to Hex 18004D 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 #18004D looks like.

```
.text, #text, p{  
    color:#18004D  
}
```

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 #18004D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18004D
}
```

Border

The CSS property to change the border of an element to Hex 18004D is called "border". The border property can be set on classes, ids or directly on the HTML element.

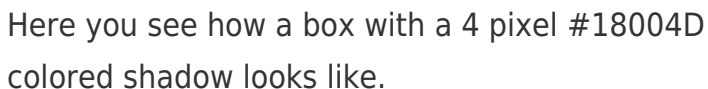
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#18004D }
```

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

```
.border{ border-color:#18004D }
```

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



Here you see how a box with a 4 pixel #18004D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18004D; -webkit-box-shadow:4px 4px  
4px 4px #18004D; box-shadow:4px 4px 4px  
4px #18004D }
```

Background

The CSS property to change the background color of an element to Hex 18004D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18004D }
```

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

```
.background{ background-color:#18004D }
```

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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