

Converting Colors

Hex(15002D)

Have a look what the booklet for
Hex(15002D) contains.

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Color

Hex(15002D)

Conversions

Conversions Part 1

Format	Color
Hex	15002D
RGB	21, 0, 45
RGB Percent	8%, 0%, 18%
CMY	0.9176, 1.0000, 0.8235
CMYK	0.53, 1.00, 0.00, 0.82
HSL	268°, 100%, 9%
HSV	268°, 100%, 18%
XYZ	0.7829, 0.3489, 2.5087
YIQ	11.4090, -1.9290, 18.4470

Conversions

Conversions Part 2

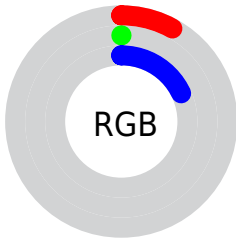
Format	Color
RYB	21, 0, 45
Decimal	1376301
CIELab	3.15, 18.49, -23.89
CIELCh	3, 30.208, 307.733
Yxy	0.3489, 0.2151, 0.0958
Android (android.graphics.Color)	4279566381 (0xFF15002D)
YUV	11.4090, 16.5604, 8.4113
Hunter-Lab	5.9067, 13.3229, -21.0470

Details

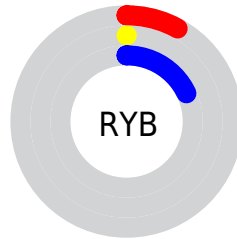
The Hex color **15002D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **182D00**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **402F5B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **15002D**, and if you desaturate by 10%, it is **17042D**.

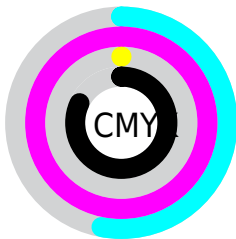
Distribution



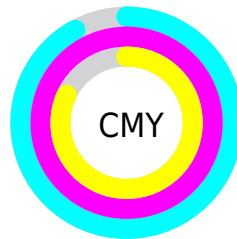
- Red (8%)
- Green (0%)
- Blue (18%)



- Red (8%)
- Yellow (0%)
- Blue (18%)



- Cyan (53%)
- Magenta (100%)
- Yellow (0%)
- Black (82%)



- Cyan (92%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15002D 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 15002D by changing the saturation by 10% instead.

 15002D

 15002D

 FAE1FF

 000118

 402F5B

 000000

 584574

 715D8E

 8B76A8

 A58FC3

 C1AADF

 DDC5FC

 15002D

■ 17042D

■ 1A092D

■ 1C0E2D

■ 1F122D

■ 21172D

■ 231B2D

■ 26202D

■ 28242D

■ 2B292D

Harmonies

Analogous

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



000C35



15002D



29001D

Triad

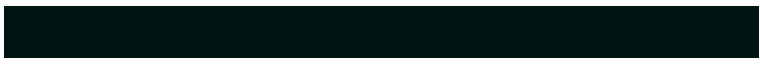
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15002D



200200



001413

Complementary

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



15002D



182D00

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.



001300



15002D



070E00

Square

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



15002D



2B0000



001300



001526

Rectangle

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



15002D



2E000F



001300



001308

Sweetspot

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



15002D



31293B



00182D



19141F



9E9E9E



1F1F1F

Same Dimension

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



15002D



1B003B



2C002D



161517



280057



6400D6

Inverse Universe

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



2D0018



3B001F



012D00



171516



57002E



D60072

Previews

White Background



This preview shows how the Hex color 15002D looks on a white background.

Color Contrast Check

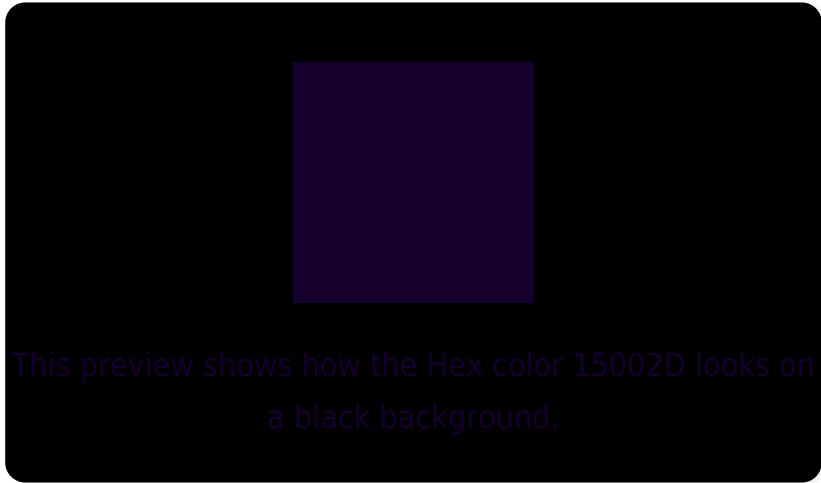
Large Text (above 18pt) WCAG AA ✓ Pass

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

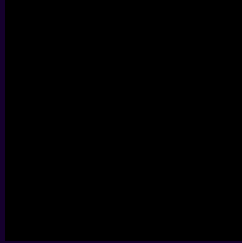
Any Text WCAG AA × Fail

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 15002D Background



This preview shows how black text looks on a background with the Hex color 15002D.



This preview shows how white text looks on a background with the Hex color 15002D.

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](#).

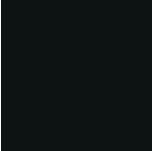
Dichromacy



Original Color
15002D

Protanopia
001022

Deuteranopia
00111D



Tritanopia
0D1213

Trichromacy



Original Color
15002D

Protanomaly
080A26

Deuteranomaly
080B23

Tritanomaly
100B1C

Monochromacy



Original Color
15002D

Achromatopsia
0B0B0B

Achromatomaly
0F0717

CSS Examples

Text

The CSS property to change the color of the text to Hex 15002D 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 #15002D looks like.

```
.text, #text, p{  
    color:#15002D  
}
```

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 #15002D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15002D
}
```

Border

The CSS property to change the border of an element to Hex 15002D is called "border". The border property can be set on classes, ids or directly on the HTML element.

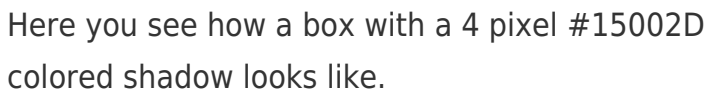
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#15002D }
```

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

```
.border{ border-color:#15002D }
```

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



Here you see how a box with a 4 pixel #15002D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15002D; -webkit-box-shadow:4px 4px  
4px 4px #15002D; box-shadow:4px 4px 4px  
4px #15002D }
```

Background

The CSS property to change the background color of an element to Hex 15002D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15002D }
```

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

```
.background{ background-color:#15002D }
```

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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