

Converting Colors

Hex(1A002E)

Have a look what the booklet for
Hex(1A002E) contains.

Hex(1A002E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1A002E)

Conversions

Conversions Part 1

Format	Color
Hex	1A002E
RGB	26, 0, 46
RGB Percent	10%, 0%, 18%
CMY	0.8980, 1.0000, 0.8196
CMYK	0.43, 1.00, 0.00, 0.82
HSL	274°, 100%, 9%
HSV	274°, 100%, 18%
XYZ	0.9191, 0.4169, 2.6168
YIQ	13.0180, 0.7300, 19.8180

Conversions

Conversions Part 2

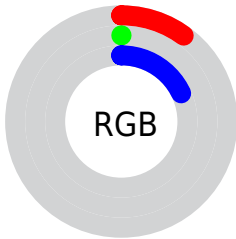
Format	Color
R_{YB}	26, 0, 46
Decimal	1703982
CIE _{Lab}	3.77, 21.33, -23.64
CIE _{LCh}	4, 31.838, 312.060
Yxy	0.4169, 0.2325, 0.1055
Android (android.graphics.Color)	4279894062 (0xFF1A002E)
YUV	13.0180, 16.2601, 11.3852
Hunter-Lab	6.4565, 14.1121, -19.5102

Details

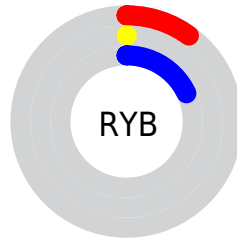
The Hex color **1A002E** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **142E00**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **462E5C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1A002E**, and if you desaturate by 10%, it is **1C052E**.

Distribution



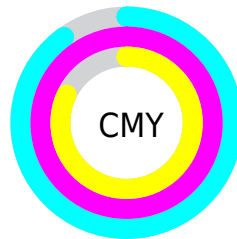
- Red (10%)
- Green (0%)
- Blue (18%)



- Red (10%)
- Yellow (0%)
- Blue (18%)



- Cyan (43%)
- Magenta (100%)
- Yellow (0%)
- Black (82%)



- Cyan (90%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A002E 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 1A002E by changing the saturation by 10% instead.

 1A002E

 1A002E

 FFE1FF

 000119

 462E5C

 000000

 5E4575

 785C8F

 9275A9

 AD8FC5

 C8AAE1

 E4C5FD

 1A002E

■ 1C052E

■ 1E092E

■ 200E2E

■ 22122E

■ 24172E

■ 261C2E

■ 28202E

■ 2A252E

■ 2C292E

Harmonies

Analogous

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



000D38



1A002E



2D001D

Triad

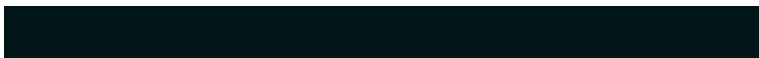
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1A002E



200500



001618

Complementary

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



1A002E



142E00

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.



001600



1A002E



041100

Square

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



1A002E



2C0000



001600



00172A

Rectangle

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



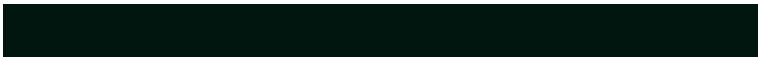
1A002E



31000C



001600



00160F

Sweetspot

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



1A002E



33293B



00152E



1A141F



9E9E9E



1F1F1F

Same Dimension

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



1A002E



21003B



2E002C



161517



310057



7900D6

Inverse Universe

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



2E0014



3B001A



002E02



171516



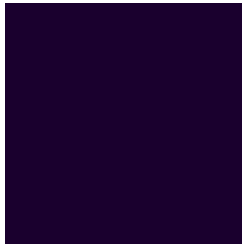
570026



D6005D

Previews

White Background



This preview shows how the Hex color 1A002E looks on a white background.

Color Contrast Check

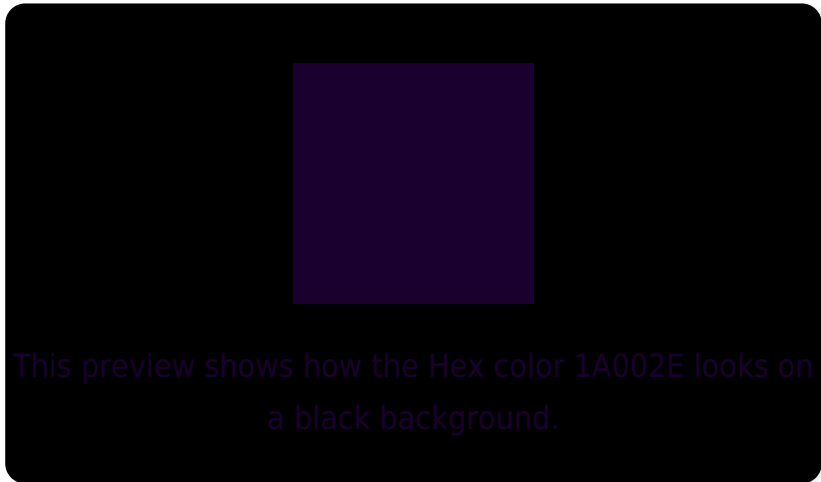
Large Text (above 18pt) WCAG AA ✓ Pass

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

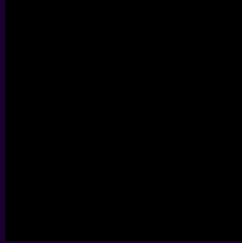
Any Text WCAG AA × Fail

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 1A002E Background



This preview shows how black text looks on a background with the Hex color 1A002E.



This preview shows how white text looks on a background with the Hex color 1A002E.

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
1A002E

Protanopia
001226

Deuteranopia
001320



Tritanopia
141213

Trichromacy



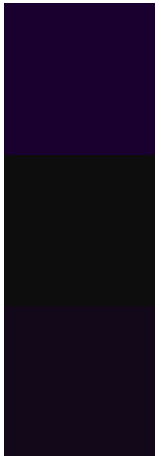
Original Color
1A002E

Protanomaly
090B29

Deuteranomaly
090C25

Tritanomaly
160B1D

Monochromacy



Original Color
1A002E

Achromatopsia
0D0D0D

Achromatomaly
120819

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A002E 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 #1A002E looks like.

```
.text, #text, p{  
    color:#1A002E  
}
```

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 #1A002E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A002E
}
```

Border

The CSS property to change the border of an element to Hex 1A002E is called "border". The border property can be set on classes, ids or directly on the HTML element.

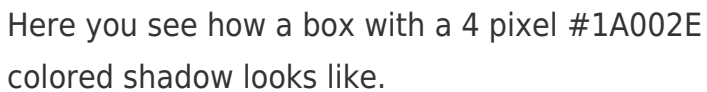
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A002E }
```

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

```
.border{ border-color:#1A002E }
```

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



Here you see how a box with a 4 pixel #1A002E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A002E; -webkit-box-shadow:4px 4px  
4px 4px #1A002E; box-shadow:4px 4px 4px  
4px #1A002E }
```

Background

The CSS property to change the background color of an element to Hex 1A002E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A002E }
```

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

```
.background{ background-color:#1A002E }
```

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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