

Converting Colors

Hex(1A003F)

Have a look what the booklet for
Hex(1A003F) contains.

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Color

Hex(1A003F)

Conversions

Conversions Part 1

Format	Color
Hex	1A003F
RGB	26, 0, 63
RGB Percent	10%, 0%, 25%
CMY	0.8980, 1.0000, 0.7529
CMYK	0.59, 1.00, 0.00, 0.75
HSL	265°, 100%, 12%
HSV	265°, 100%, 25%
XYZ	1.3232, 0.5785, 4.7445
YIQ	14.9560, -4.7270, 25.1050

Conversions

Conversions Part 2

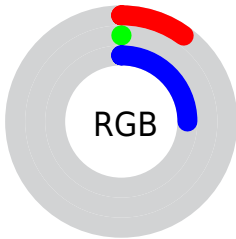
Format	Color
R_{YB}	26, 0, 63
Decimal	1703999
CIE _{Lab}	5.23, 28.79, -33.78
CIE _{LCh}	5, 44.388, 310.440
Yxy	0.5785, 0.1991, 0.0870
Android (android.graphics.Color)	4279894079 (0xFF1A003F)
YUV	14.9560, 23.6857, 9.6856
Hunter-Lab	7.6059, 17.7436, -31.6610

Details

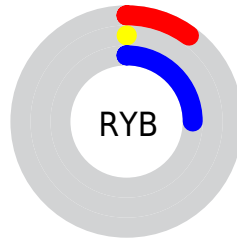
The Hex color **1A003F** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **253F00**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **4B2D6F**, and **000112** is the 20% darker color. If you saturate the color by 10%, you get **1A003F**, and if you desaturate by 10%, it is **1E063F**.

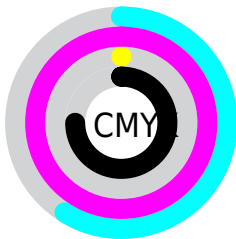
Distribution



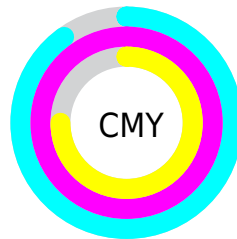
- Red (10%)
- Green (0%)
- Blue (25%)



- Red (10%)
- Yellow (0%)
- Blue (25%)



- Cyan (59%)
- Magenta (100%)
- Yellow (0%)
- Black (75%)



- Cyan (90%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A003F 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 1A003F by changing the saturation by 10% instead.

 1A003F

 1A003F

 FFE1FF

 000029

 4B2D6F

 000112

 644489

 000000

 7E5CA4

 9975BF

 B48FDB

 D0A9F8

 EDC5FF

 1A003F

■ 1E063F

■ 210D3F

■ 25133F

■ 29193F

■ 2D203F

■ 30263F

■ 342C3F

■ 38323F

■ 3B393F

Harmonies

Analogous

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



00134D



1A003F



390026

Triad

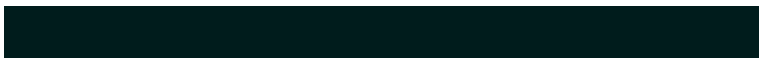
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1A003F



270700



001C1C

Complementary

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



1A003F



253F00

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.



001B00



1A003F



081500

Square

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



1A003F



380000



001B00



001D38

Rectangle

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



1A003F



3F0013



001B00



001B11

Sweetspot

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



1A003F



433952



00263F



201A29



A8A8A8



292929

Same Dimension

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



1A003F



220052



39003F



1D1C1F



27005E



5C00DE

Inverse Universe

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



3F0025



520030



063F00



1F1C1D



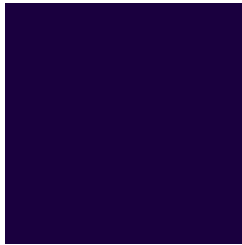
5E0037



DE0082

Previews

White Background



This preview shows how the Hex color 1A003F looks on a white background.

Color Contrast Check

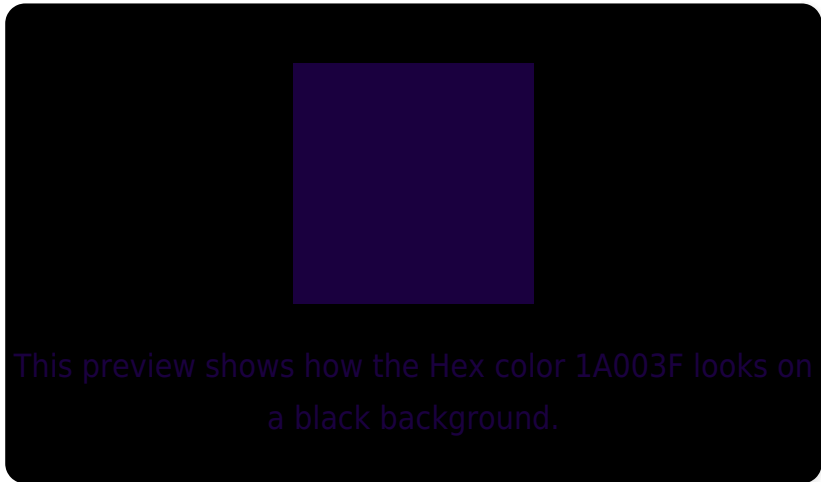
Large Text (above 18pt) WCAG AA ✓ Pass

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

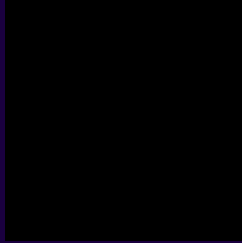
Any Text WCAG AA × Fail

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 1A003F Background



This preview shows how black text looks on a background with the Hex color 1A003F.



This preview shows how white text looks on a background with the Hex color 1A003F.

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

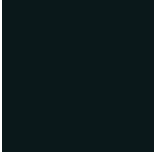
1A003F

Protanopia

00162E

Deuteranopia

001727



Tritanopia
0A181A

Trichromacy



Original Color

1A003F

Protanomaly

090E34

Deuteranomaly

090F30

Tritanomaly

100F27

Monochromacy



Original Color

1A003F

Achromatopsia

0F0F0F

Achromatomaly

130A20

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A003F 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 #1A003F looks like.

```
.text, #text, p{  
    color:#1A003F  
}
```

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 #1A003F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A003F
}
```

Border

The CSS property to change the border of an element to Hex 1A003F is called "border". The border property can be set on classes, ids or directly on the HTML element.

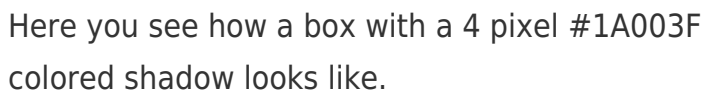
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A003F }
```

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

```
.border{ border-color:#1A003F }
```

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



Here you see how a box with a 4 pixel #1A003F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A003F; -webkit-box-shadow:4px 4px  
4px 4px #1A003F; box-shadow:4px 4px 4px  
4px #1A003F }
```

Background

The CSS property to change the background color of an element to Hex 1A003F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A003F }
```

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

```
.background{ background-color:#1A003F }
```

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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