

Converting Colors

Hex(1A0033)

Have a look what the booklet for
Hex(1A0033) contains.

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Color

Hex(1A0033)

Conversions

Conversions Part 1

Format	Color
Hex	1A0033
RGB	26, 0, 51
RGB Percent	10%, 0%, 20%
CMY	0.8980, 1.0000, 0.8000
CMYK	0.49, 1.00, 0.00, 0.80
HSL	271°, 100%, 10%
HSV	271°, 100%, 20%
XYZ	1.0235, 0.4586, 3.1665
YIQ	13.5880, -0.8750, 21.3730

Conversions

Conversions Part 2

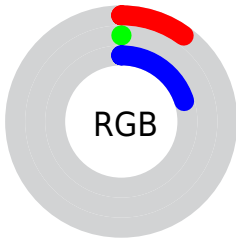
Format	Color
R_{YB}	26, 0, 51
Decimal	1703987
CIE Lab	4.14, 23.59, -26.78
CIE LCh	4, 35.686, 311.384
Yxy	0.4586, 0.2202, 0.0987
Android (android.graphics.Color)	4279894067 (0xFF1A0033)
YUV	13.5880, 18.4441, 10.8853
Hunter-Lab	6.7722, 15.1269, -22.9822

Details

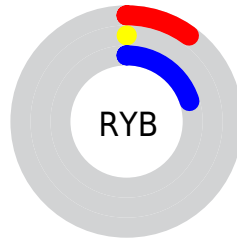
The Hex color **1A0033** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **193300**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **472D62**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1A0033**, and if you desaturate by 10%, it is **1C0533**.

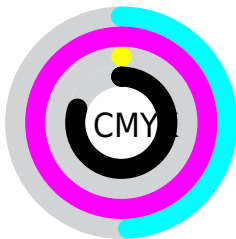
Distribution



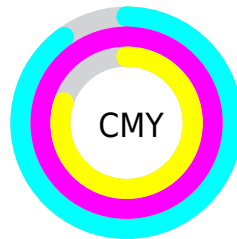
- Red (10%)
- Green (0%)
- Blue (20%)



- Red (10%)
- Yellow (0%)
- Blue (20%)



- Cyan (49%)
- Magenta (100%)
- Yellow (0%)
- Black (80%)



- Cyan (90%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A0033 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 1A0033 by changing the saturation by 10% instead.

 1A0033

 1A0033

 FFE1FF

 00021D

 472D62

 000000

 60447B

 795C95

 9475B0

 AF8FCB

 CAA9E8

 E7C5FF

 1A0033

■ 1C0533

■ 1F0A33

■ 210F33

■ 241433

■ 261A33

■ 291F33

■ 2B2433

■ 2E2933

■ 312E33

Harmonies

Analogous

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



000F3E



1A0033



30001F

Triad

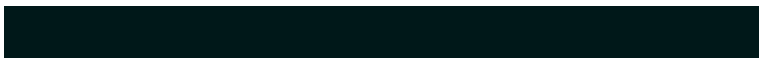
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1A0033



220600



001819

Complementary

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



1A0033



193300

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.



001700



1A0033



051200

Square

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



1A0033



300000



001700



00192E

Rectangle

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



1A0033



35000E



001700



001710

Sweetspot

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



1A0033



392E42



001A33



1B1521



A1A1A1



212121

Same Dimension

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



1A0033



220042



330033



18171A



2D0059



6E00D9

Inverse Universe

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



330019



420021



003300



1A1718



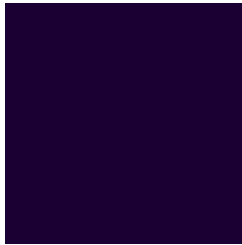
59002C



D9006A

Previews

White Background



This preview shows how the Hex color 1A0033 looks on a white background.

Color Contrast Check

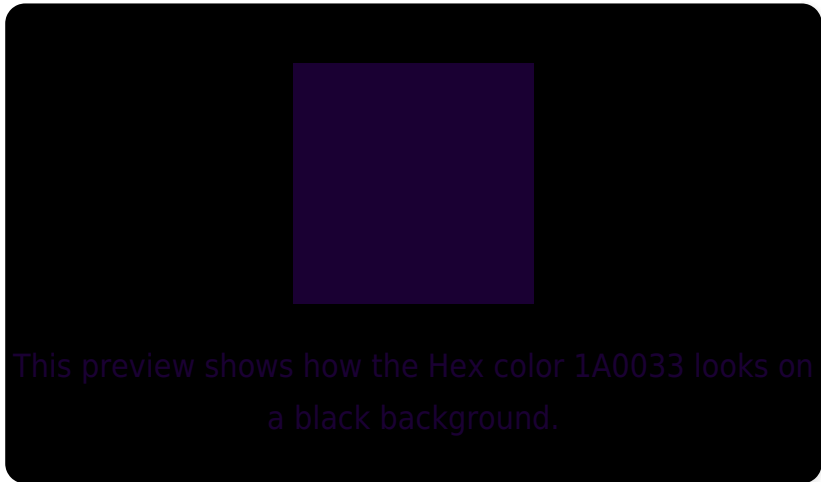
Large Text (above 18pt) WCAG AA ✓ Pass

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

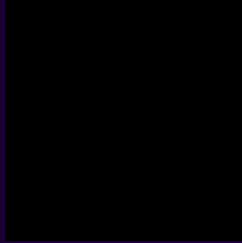
Any Text WCAG AA × Fail

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 1A0033 Background



This preview shows how black text looks on a background with the Hex color 1A0033.



This preview shows how white text looks on a background with the Hex color 1A0033.

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](#).

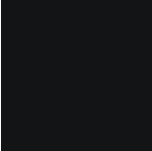
Dichromacy



Original Color
1A0033

Protanopia
001328

Deuteranopia
001422



Tritanopia
121415

Trichromacy



Original Color
1A0033

Protanomaly
090C2C

Deuteranomaly
090D28

Tritanomaly
150D20

Monochromacy



Original Color
1A0033

Achromatopsia
0E0E0E

Achromatomaly
12091B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A0033 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 #1A0033 looks like.

```
.text, #text, p{  
    color:#1A0033  
}
```

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 #1A0033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A0033  
}
```

Border

The CSS property to change the border of an element to Hex 1A0033 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".

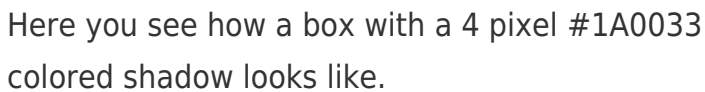
```
.border, #border, table{ border:4px solid  
#1A0033 }
```

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

```
.border{ border-color:#1A0033 }
```

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

Here you see how a box with a 4 pixel #1A0033 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A0033; -webkit-box-shadow:4px 4px  
4px 4px #1A0033; box-shadow:4px 4px 4px  
4px #1A0033 }
```

Background

The CSS property to change the background color of an element to Hex 1A0033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A0033 }
```

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

```
.background{ background-color:#1A0033 }
```

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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