

Converting Colors

Hex(1A1847)

Have a look what the booklet for
Hex(1A1847) contains.

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Color

Hex(1A1847)

Conversions

Conversions Part 1

Format	Color
Hex	1A1847
RGB	26, 24, 71
RGB Percent	10%, 9%, 28%
CMY	0.8980, 0.9059, 0.7216
CMYK	0.63, 0.66, 0.00, 0.72
HSL	243°, 49%, 19%
HSV	243°, 66%, 28%
XYZ	1.8900, 1.3278, 6.1179
YIQ	29.9560, -13.8950, 15.0410

Conversions

Conversions Part 2

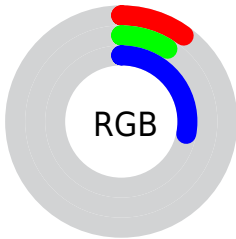
Format	Color
R_{YB}	26, 24, 71
Decimal	1710151
CIE Lab	11.47, 17.06, -29.24
CIE LCh	11, 33.856, 300.259
Yxy	1.3278, 0.2024, 0.1422
Android (android.graphics.Color)	4279900231 (0xFF1A1847)
YUV	29.9560, 20.2347, -3.4694
Hunter-Lab	11.5231, 9.1114, -23.4125




Details

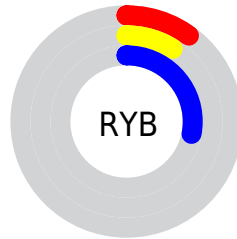
The Hex color **1A1847** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **454718**, and the grayscale version is **1E1E1E**.


A 20% lighter version of the original color is **4B4378**, and **00011B** is the 20% darker color. If you saturate the color by 10%, you get **131147**, and if you desaturate by 10%, it is **211F47**.

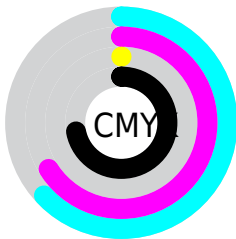
Distribution







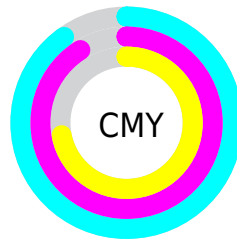
-  Red (10%)
-  Green (9%)
-  Blue (28%)






-  Red (10%)
-  Yellow (9%)
-  Blue (28%)



-  Cyan (63%)
-  Magenta (66%)
-  Yellow (0%)
-  Black (72%)



-  Cyan (90%)
-  Magenta (91%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A1847 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 1A1847 by changing the saturation by 10% instead.

■ 1A1847

■ 1A1847

■ FFFBFF

■ 060030

■ 4B4378

■ 00011B

■ 645A92

■ 000000

■ 7E73AD

■ 988DC8

■ B3A7E4

■ CFC2FF

■ ECDEFF

■ 1A1847

■ 1A1847

■ 131147

■ 211F47

■ 0C0A47

■ 282647

■ 060347

■ 2E2D47

■ 030047

■ 353447

■ 3C3C47

■ 434347

■ 4A4A47

■ 505147

■ 575847

Harmonies

Analogous

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



00224D



1A1847



390936

Triad

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



1A1847



391300



00291E

Complementary

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



1A1847



454718

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.



002700



1A1847



271E00

Square

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



1A1847



440402



102400



002835

Rectangle

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



1A1847



430027



102400



002816

Sweetspot

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



1A1847



4A495C



184547



23232E



ADADAD



2E2E2E

Same Dimension

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



1A1847



16135C



311847



202024



040063



0A00E3

Inverse Universe

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



471845



5C1359



2E4718



242024



63005F



E300D9

Previews

White Background



This preview shows how the Hex color 1A1847 looks on a white background.

Color Contrast Check

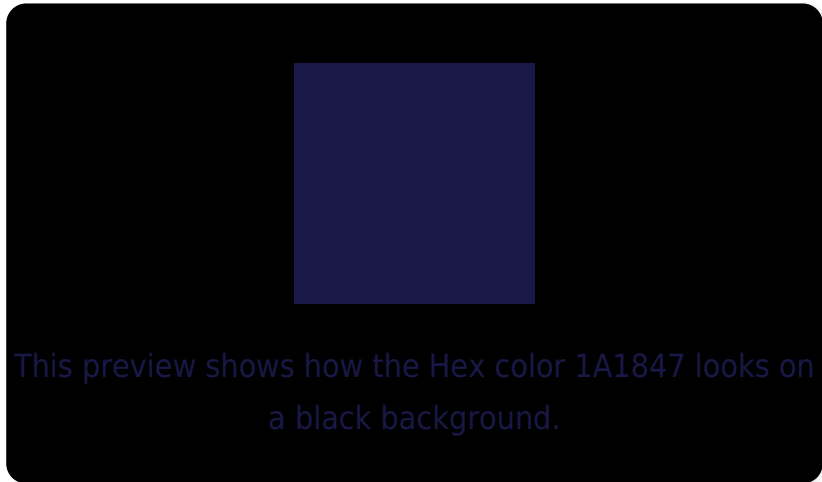
Large Text (above 18pt) WCAG AA ✓ Pass

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

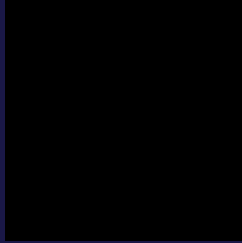
Any Text WCAG AA × Fail

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 1A1847 Background



This preview shows how black text looks on a background with the Hex color 1A1847.



This preview shows how white text looks on a background with the Hex color 1A1847.

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
1A1847

Protanopia
001E3F

Deuteranopia
002036

Trichromacy



Original Color
1A1847

Protanomaly
091C42

Deuteranomaly
091D3C

Tritanomaly
091E31

Monochromacy



Original Color
1A1847

Achromatopsia
1E1E1E

Achromatomaly
1D1C2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A1847 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 #1A1847 looks like.

```
.text, #text, p{  
    color:#1A1847  
}
```

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 #1A1847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A1847
}
```

Border

The CSS property to change the border of an element to Hex 1A1847 is called "border". The border property can be set on classes, ids or directly on the HTML element.

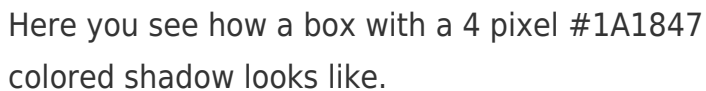
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A1847 }
```

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

```
.border{ border-color:#1A1847 }
```

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



Here you see how a box with a 4 pixel #1A1847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A1847; -webkit-box-shadow:4px 4px  
4px 4px #1A1847; box-shadow:4px 4px 4px  
4px #1A1847 }
```

Background

The CSS property to change the background color of an element to Hex 1A1847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A1847 }
```

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

```
.background{ background-color:#1A1847 }
```

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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