

Converting Colors

Hex(1A0E3B)

Have a look what the booklet for
Hex(1A0E3B) contains.

Hex(1A0E3B)	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>	28

Color

Hex(1A0E3B)

Conversions

Conversions Part 1

Format	Color
Hex	1A0E3B
RGB	26, 14, 59
RGB Percent	10%, 5%, 23%
CMY	0.8980, 0.9451, 0.7686
CMYK	0.56, 0.76, 0.00, 0.77
HSL	256°, 62%, 14%
HSV	256°, 76%, 23%
XYZ	1.3725, 0.8495, 4.2293
YIQ	22.7180, -7.2930, 16.5390

Conversions

Conversions Part 2

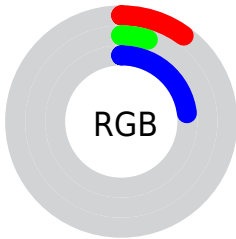
Format	Color
RYB	26, 14, 59
Decimal	1707579
CIELab	7.67, 19.72, -26.92
CIELCh	8, 33.366, 306.223
Yxy	0.8495, 0.2127, 0.1317
Android (android.graphics.Color)	4279897659 (0xFF1A0E3B)
YUV	22.7180, 17.8870, 2.8783
Hunter-Lab	9.2166, 10.4517, -20.7553

Details

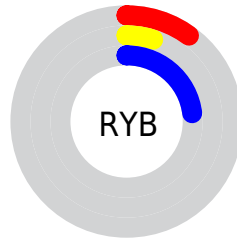
The Hex color **1A0E3B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2F3B0E**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **49386B**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **16083B**, and if you desaturate by 10%, it is **1E143B**.

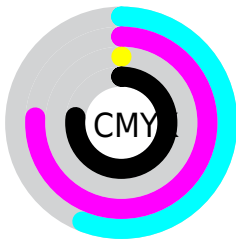
Distribution



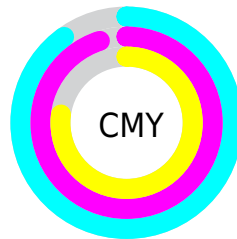
- Red (10%)
- Green (5%)
- Blue (23%)



- Red (10%)
- Yellow (5%)
- Blue (23%)



- Cyan (56%)
- Magenta (76%)
- Yellow (0%)
- Black (77%)



- Cyan (90%)
- Magenta (95%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A0E3B 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 1A0E3B by changing the saturation by 10% instead.

■ 1A0E3B

■ 1A0E3B

■ FFEFFF

■ 000025

■ 49386B

■ 00010D

■ 624F84

■ 000000

■ 7B689F

■ 9681BA

■ B19BD5

■ CDB6F2

■ E9D1FF

■ 1A0E3B

■ 1A0E3B

■ 16083B

■ 1E143B

■ 11023B

■ 231A3B

■ 10003B

■ 27203B

■ 2B263B

■ 302C3B

■ 34313B

■ 38373B

■ 3D3D3B

■ 41433B

Harmonies

Analogous

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



001944



1A0E3B



330029

Triad

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



1A0E3B



2C0F00



00231B

Complementary

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



1A0E3B



2F3B0E

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.



002100



1A0E3B



1A1800

Square

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



1A0E3B



380000



001E00



002231

Rectangle

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



1A0E3B



3A001B



001E00



002213

Sweetspot

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



1A0E3B



403B4D



0E2F3B



1E1C26



A6A6A6



262626

Same Dimension

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



1A0E3B



19064D



310E3B



1C1C1F



19005E



3B00DE

Inverse Universe

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



3B0E2F



4D063A



193B0E



1F1C1E



5E0045



DE00A3

Previews

White Background



This preview shows how the Hex color 1A0E3B looks on a white background.

Color Contrast Check

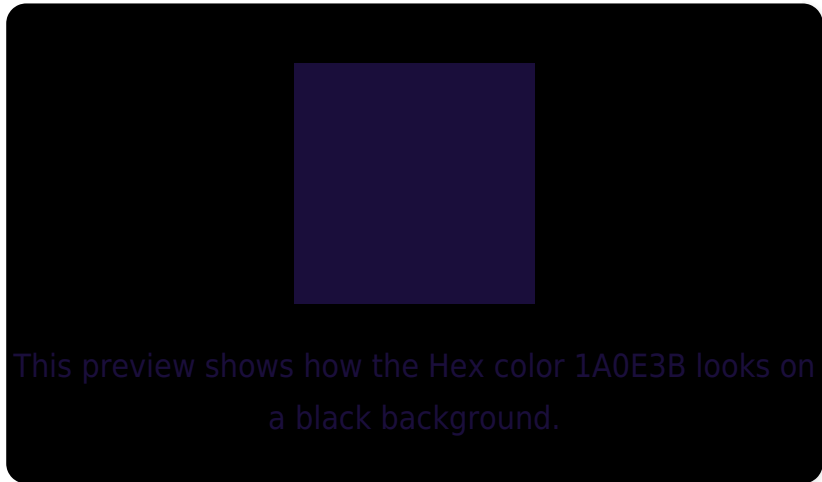
Large Text (above 18pt) WCAG AA ✓ Pass

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

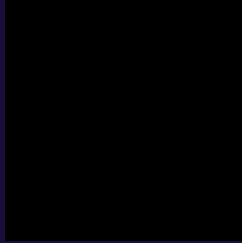
Any Text WCAG AA × Fail

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 1A0E3B Background



This preview shows how black text looks on a background with the Hex color 1A0E3B.



This preview shows how white text looks on a background with the Hex color 1A0E3B.

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
1A0E3B

Protanopia
001731

Tritanopia
0F1A1C

Trichromacy



Original Color
1A0E3B

Protanomaly
091435

Tritanomaly
131627

Monochromacy



Original Color
1A0E3B

Achromatopsia
171717

Achromatomaly
181424

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A0E3B 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 #1A0E3B looks like.

```
.text, #text, p{  
    color:#1A0E3B  
}
```

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 #1A0E3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A0E3B
}
```

Border

The CSS property to change the border of an element to Hex 1A0E3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

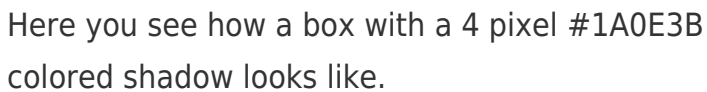
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A0E3B }
```

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

```
.border{ border-color:#1A0E3B }
```

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



Here you see how a box with a 4 pixel #1A0E3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A0E3B; -webkit-box-shadow:4px 4px  
4px 4px #1A0E3B; box-shadow:4px 4px 4px  
4px #1A0E3B }
```

Background

The CSS property to change the background color of an element to Hex 1A0E3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A0E3B }
```

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

```
.background{ background-color:#1A0E3B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor