

Converting Colors

Hex(1B123D)

Have a look what the booklet for
Hex(1B123D) contains.

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Color

Hex(1B123D)

Conversions

Conversions Part 1

Format	Color
Hex	1B123D
RGB	27, 18, 61
RGB Percent	11%, 7%, 24%
CMY	0.8941, 0.9294, 0.7608
CMYK	0.56, 0.70, 0.00, 0.76
HSL	253°, 54%, 15%
HSV	253°, 70%, 24%
XYZ	1.5106, 1.0025, 4.5288
YIQ	25.5930, -8.4390, 15.2810

Conversions

Conversions Part 2

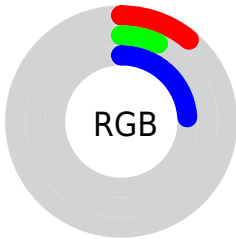
Format	Color
R_{YB}	27, 18, 61
Decimal	1774141
CIE Lab	9.01, 17.90, -26.17
CIE LCh	9, 31.705, 304.369
Yxy	1.0025, 0.2145, 0.1424
Android (android.graphics.Color)	4279964221 (0xFF1B123D)
YUV	25.5930, 17.4557, 1.2339
Hunter-Lab	10.0127, 9.4078, -19.8081

Details

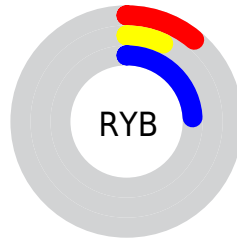
The Hex color **1B123D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **343D12**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **4A3C6D**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **160C3D**, and if you desaturate by 10%, it is **20183D**.

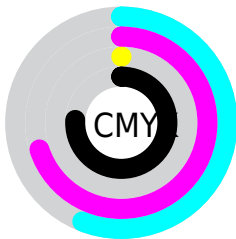
Distribution



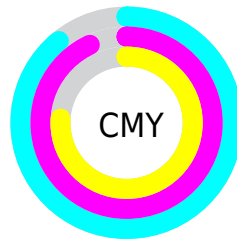
- Red (11%)
- Green (7%)
- Blue (24%)



- Red (11%)
- Yellow (7%)
- Blue (24%)



- Cyan (56%)
- Magenta (70%)
- Yellow (0%)
- Black (76%)



- Cyan (89%)
- Magenta (93%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B123D 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 1B123D by changing the saturation by 10% instead.

 1B123D

 1B123D

 FFF3FF

 040027

 4A3C6D

 000110

 635486

 000000

 7C6CA1

 9785BC

 B2A0D8

 CEBBF4

 EAD6FF

 1B123D

 1B123D

■ 160C3D

■ 20183D

■ 11063D

■ 251E3D

■ 0D003D

■ 29243D

■ 2E2A3D

■ 33313D

■ 38373D

■ 3D3D3D

■ 42433D

■ 46493D

Harmonies

Analogous

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



001C44



1B123D



34042C

Triad

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



1B123D



2F1100



00241C

Complementary

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



1B123D



343D12

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.



002300



1B123D



1F1A00

Square

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



1B123D



3B0400



041F00



002331

Rectangle

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



1B123D



3C001E



041F00



002414

Sweetspot

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



1B123D



423E4F



12343D



211F29



A8A8A8



292929

Same Dimension

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



1B123D



1A0C4F



30123D



1C1C1F



14005E



2E00DE

Inverse Universe

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



3D1234



4F0C41



1F3D12



1F1C1E



5E004B



DE00AF

Previews

White Background



This preview shows how the Hex color 1B123D looks on a white background.

Color Contrast Check

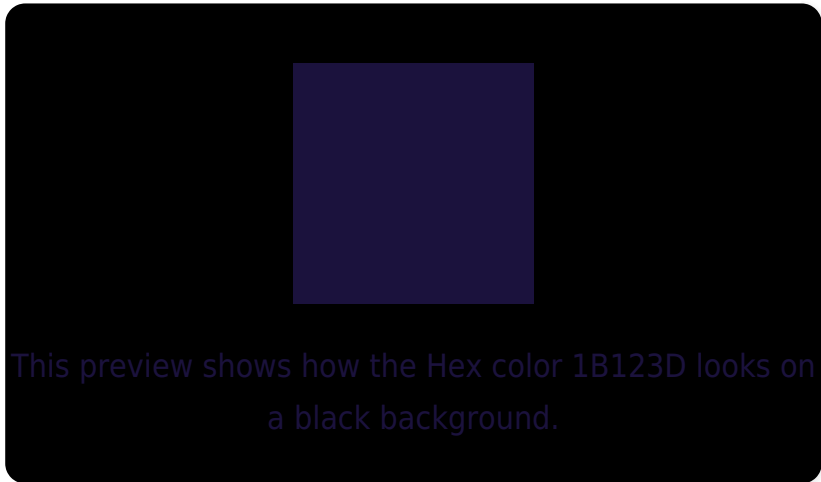
Large Text (above 18pt) WCAG AA ✓ Pass

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

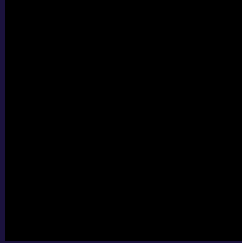
Any Text WCAG AA × Fail

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 1B123D Background



This preview shows how black text looks on a background with the Hex color 1B123D.



This preview shows how white text looks on a background with the Hex color 1B123D.

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
1B123D

Protanopia
001936

Deuteranopia
001B2E



Tritanopia
101C1E

Trichromacy



Original Color
1B123D

Protanomaly
0A1639

Deuteranomaly
0A1833

Tritanomaly
141829

Monochromacy



Original Color
1B123D

Achromatopsia
1A1A1A

Achromatomaly
1A1727

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B123D 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 #1B123D looks like.

```
.text, #text, p{  
    color:#1B123D  
}
```

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 #1B123D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B123D
}
```

Border

The CSS property to change the border of an element to Hex 1B123D 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".

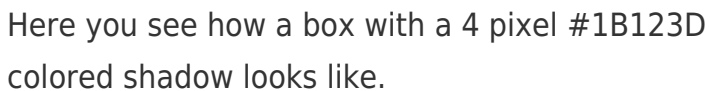
```
.border, #border, table{ border:4px solid
#1B123D }
```

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

```
.border{ border-color:#1B123D }
```

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

Here you see how a box with a 4 pixel #1B123D colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B123D; -webkit-box-shadow:4px 4px  
4px 4px #1B123D; box-shadow:4px 4px 4px  
4px #1B123D }
```

Background

The CSS property to change the background color of an element to Hex 1B123D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B123D }
```

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

```
.background{ background-color:#1B123D }
```

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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