

Converting Colors

Hex(123B1A)

Have a look what the booklet for
Hex(123B1A) contains.

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Color

Hex(123B1A)

Conversions

Conversions Part 1

Format	Color
Hex	123B1A
RGB	18, 59, 26
RGB Percent	7%, 23%, 10%
CMY	0.9294, 0.7686, 0.8980
CMYK	0.69, 0.00, 0.56, 0.77
HSL	132°, 53%, 15%
HSV	132°, 69%, 23%
XYZ	1.9999, 3.3311, 1.5148
YIQ	42.9790, -13.8430, -18.9550

Conversions

Conversions Part 2

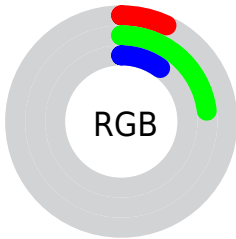
Format	Color
R_{YB}	18, 52, 59
Decimal	1194778
CIE _{Lab}	21.32, -22.84, 16.25
CIE _{LCh}	21, 28.033, 144.574
Yxy	3.3311, 0.2921, 0.4866
Android (android.graphics.Color)	4279384858 (0xFF123B1A)
YUV	42.9790, -8.3706, -21.9066
Hunter-Lab	18.2513, -12.3808, 7.8549

Details

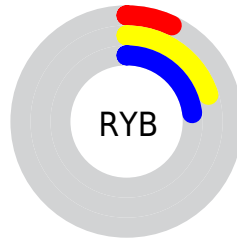
The Hex color **123B1A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3B1233**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **426B46**, and **000900** is the 20% darker color. If you saturate the color by 10%, you get **0C3B15**, and if you desaturate by 10%, it is **183B1F**.

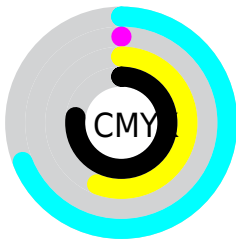
Distribution



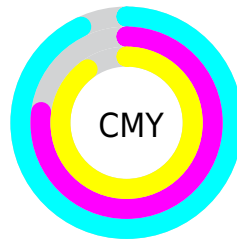
- Red (7%)
- Green (23%)
- Blue (10%)



- Red (7%)
- Yellow (20%)
- Blue (23%)



- Cyan (69%)
- Magenta (0%)
- Yellow (56%)
- Black (77%)




- Cyan (93%)
- Magenta (77%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 123B1A 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 123B1A by changing the saturation by 10% instead.

 123B1A

 123B1A

 FDFEFF

 002500

 426B46

 000900

 5A845E

 000000

 749E77

 8EBA90

 A8D5AB

 C4F2C6

 E0FFE2

 123B1A

 123B1A

■ 0C3B15

■ 183B1F

■ 063B11

■ 1E3B23

■ 003B0C

■ 243B28

■ 2A3B2D

■ 2F3B32

■ 353B36

■ 3B3B3B

■ 413B40

■ 473B45

Harmonies

Analogous

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



2D370A



123B1A



003D2F

Triad

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



123B1A



00375C



582223

Complementary

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



123B1A



3B1233

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.



562038



123B1A



2D2F59

Square

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



123B1A



003B55



49264B



502912

Rectangle

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



123B1A



003D3D



49264B



59202A

Sweetspot

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



123B1A



3C4D40



333B12



1D261F



A6A6A6



262626

Same Dimension

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



123B1A



0D4D19



123B2E



1C1F1C



005E12



00DE2B

Inverse Universe

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



3B1233



4D0D40



3B121F



1F1C1E



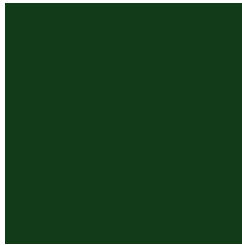
5E004C



DE00B3

Previews

White Background



This preview shows how the Hex color 123B1A looks on a white background.

Color Contrast Check

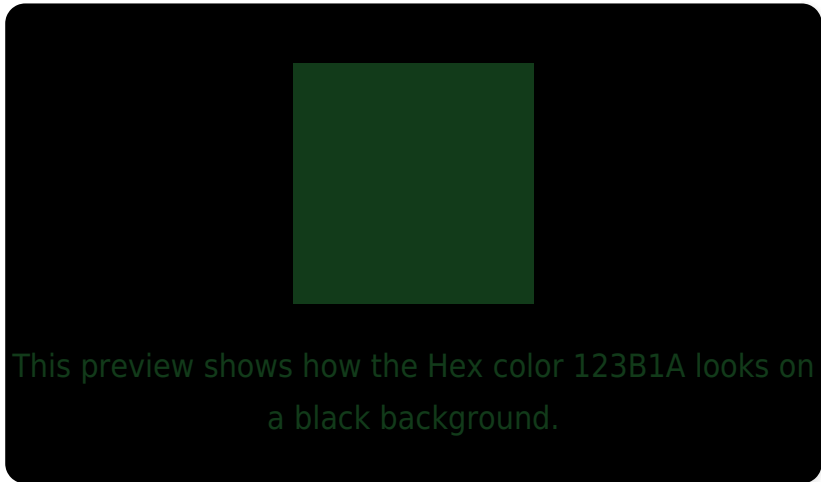
Large Text (above 18pt) WCAG AA ✓ Pass

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

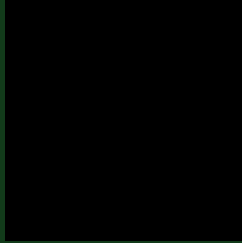
Any Text WCAG AA × Fail

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 123B1A Background



This preview shows how black text looks on a background with the Hex color 123B1A.



This preview shows how white text looks on a background with the Hex color 123B1A.

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
123B1A

Protanopia
393318

Deuteranopia
3F311D



Tritanopia
1C373C

Trichromacy



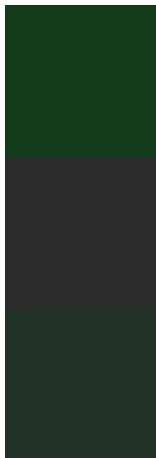
Original Color
123B1A

Protanomaly
2B3619

Deuteranomaly
2F351C

Tritanomaly
183830

Monochromacy



Original Color
123B1A

Achromatopsia
2B2B2B

Achromatomaly
223125

CSS Examples

Text

The CSS property to change the color of the text to Hex 123B1A 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 #123B1A looks like.

```
.text, #text, p{  
    color:#123B1A  
}
```

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 #123B1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #123B1A
}
```

Border

The CSS property to change the border of an element to Hex 123B1A 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
#123B1A }
```

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

```
.border{ border-color:#123B1A }
```

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

Here you see how a box with a 4 pixel #123B1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #123B1A; -webkit-box-shadow:4px 4px  
4px 4px #123B1A; box-shadow:4px 4px 4px  
4px #123B1A }
```

Background

The CSS property to change the background color of an element to Hex 123B1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#123B1A }
```

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

```
.background{ background-color:#123B1A }
```

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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