

Converting Colors

Hex(123B22)

Have a look what the booklet for
Hex(123B22) contains.

Hex(123B22)	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>	29

Color

Hex(123B22)

Conversions

Conversions Part 1

Format	Color
Hex	123B22
RGB	18, 59, 34
RGB Percent	7%, 23%, 13%
CMY	0.9294, 0.7686, 0.8667
CMYK	0.69, 0.00, 0.42, 0.77
HSL	143°, 53%, 15%
HSV	143°, 69%, 23%
XYZ	2.1022, 3.3720, 2.0534
YIQ	43.8910, -16.4110, -16.4670

Conversions

Conversions Part 2

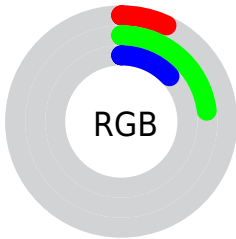
Format	Color
RYB	18, 47, 59
Decimal	1194786
CIELab	21.48, -21.19, 11.38
CIELCh	21, 24.047, 151.761
Yxy	3.3720, 0.2793, 0.4480
Android (android.graphics.Color)	4279384866 (0xFF123B22)
YUV	43.8910, -4.8763, -22.7064
Hunter-Lab	18.3631, -11.7012, 6.2241

Details

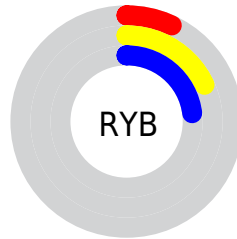
The Hex color **123B22** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3B122B**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **426B4F**, and **000A00** is the 20% darker color. If you saturate the color by 10%, you get **0C3B1E**, and if you desaturate by 10%, it is **183B26**.

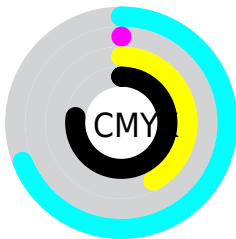
Distribution



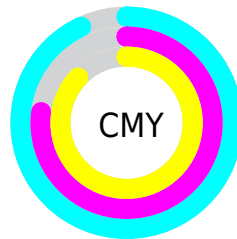
- Red (7%)
- Green (23%)
- Blue (13%)



- Red (7%)
- Yellow (18%)
- Blue (23%)



- Cyan (69%)
- Magenta (0%)
- Yellow (42%)
- Black (77%)



- Cyan (93%)
- Magenta (77%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 123B22 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 123B22 by changing the saturation by 10% instead.

 123B22

 123B22

 FDFFFF

 00250D

 426B4F

 000A00

 5A8467

 000000

 739E80

 8DB99A

 A8D5B4

 C4F2D0

 E0FFEC

 123B22

 123B22

■ 0C3B1E

■ 183B26

■ 063B1B

■ 1E3B29

■ 003B17

■ 243B2D

■ 2A3B30

■ 2F3B34

■ 353B38

■ 3B3B3B

■ 413B3F

■ 473B42

Harmonies

Analogous

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



2A3814



123B22



003C34

Triad

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



123B22



123557



532622

Complementary

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



123B22



3B122B

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.



542433



123B22



362E52

Square

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



123B22



003A52



4A2845



4B2C14

Rectangle

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



123B22



003C40



4A2845



542527

Sweetspot

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



123B22



3C4D43



2B3B12



1D2620



A6A6A6



262626

Same Dimension

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



123B22



0D4D26



123B36



1C1F1D



005E25



00DE57

Inverse Universe

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



3B122B



4D0D34



3B1217



1F1C1D



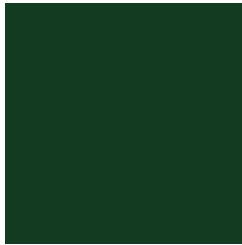
5E003A



DE0087

Previews

White Background



This preview shows how the Hex color 123B22 looks on a white background.

Color Contrast Check

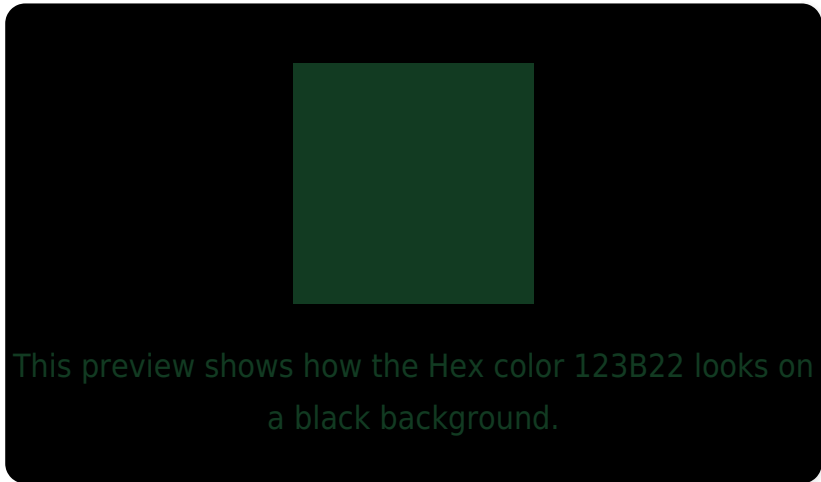
Large Text (above 18pt) WCAG AA ✓ Pass

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

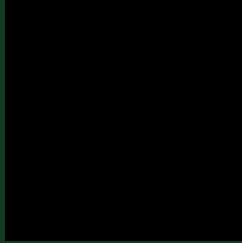
Any Text WCAG AA × Fail

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 123B22 Background



This preview shows how black text looks on a background with the Hex color 123B22.



This preview shows how white text looks on a background with the Hex color 123B22.

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](#).

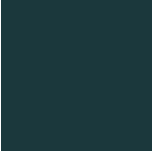
Dichromacy



Original Color
123B22

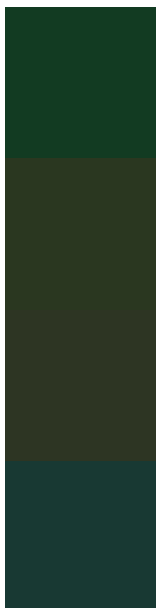
Protanopia
38341F

Deuteranopia
3D3124



Tritanopia
1B383C

Trichromacy



Original Color

123B22

Protanomaly

2A3720

Deuteranomaly

2D3523

Tritanomaly

183933

Monochromacy



Original Color

123B22

Achromatopsia

2C2C2C

Achromatomaly

233128

CSS Examples

Text

The CSS property to change the color of the text to Hex 123B22 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 #123B22 looks like.

```
.text, #text, p{  
    color:#123B22  
}
```

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 #123B22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #123B22
}
```

Border

The CSS property to change the border of an element to Hex 123B22 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
#123B22 }
```

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

```
.border{ border-color:#123B22 }
```

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

Here you see how a box with a 4 pixel #123B22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #123B22; -webkit-box-shadow:4px 4px  
4px 4px #123B22; box-shadow:4px 4px 4px  
4px #123B22 }
```

Background

The CSS property to change the background color of an element to Hex 123B22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#123B22 }
```

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

```
.background{ background-color:#123B22 }
```

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