

Converting Colors

Hex(123823)

Have a look what the booklet for
Hex(123823) contains.

Hex(123823)	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(123823)

Conversions

Conversions Part 1

Format	Color
Hex	123823
RGB	18, 56, 35
RGB Percent	7%, 22%, 14%
CMY	0.9294, 0.7804, 0.8627
CMYK	0.68, 0.00, 0.38, 0.78
HSL	147°, 51%, 15%
HSV	147°, 68%, 22%
XYZ	1.9670, 3.0783, 2.0806
YIQ	42.2440, -15.9070, -14.5870

Conversions

Conversions Part 2

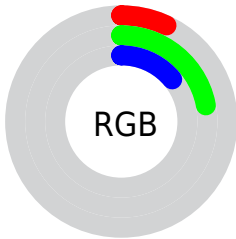
Format	Color
R_YB	18, 44, 56
Decimal	1194019
CIE _{Lab}	20.35, -19.43, 9.21
CIE _{LCh}	20, 21.500, 154.632
Yxy	3.0783, 0.2760, 0.4320
Android (android.graphics.Color)	4279384099 (0xFF123823)
YUV	42.2440, -3.5713, -21.2620
Hunter-Lab	17.5451, -10.6920, 5.2506

Details

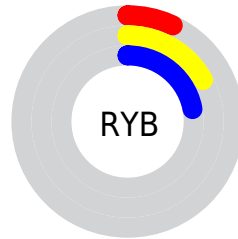
The Hex color **123823** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **381227**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **416750**, and **000200** is the 20% darker color. If you saturate the color by 10%, you get **0C3820**, and if you desaturate by 10%, it is **183826**.

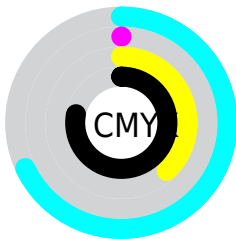
Distribution



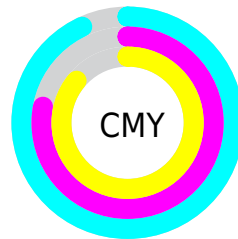
- Red (7%)
- Green (22%)
- Blue (14%)



- Red (7%)
- Yellow (17%)
- Blue (22%)



- Cyan (68%)
- Magenta (0%)
- Yellow (38%)
- Black (78%)



- Cyan (93%)
- Magenta (78%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 123823 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 123823 by changing the saturation by 10% instead.

 123823

 123823

 FBFFFF

 00220E

 416750

 000200

 598168

 000000

 729B81

 8CB69B

 A7D1B6

 C2EED1

 DEFFED

 123823

 123823

■ 0C3820

■ 183826

■ 07381D

■ 1D3829

■ 01381A

■ 23382C

■ 003819

■ 28382F

■ 2E3832

■ 343836

■ 393839

■ 3F383C

■ 44383F

Harmonies

Analogous

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



283516



123823



003933

Triad

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



123823



1A3250



4D2620

Complementary

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



123823



381227

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.



4E242F



123823



352C4B

Square

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



123823



00364D



46263F



452B15

Rectangle

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



123823



00393E



46263F



4E2525

Sweetspot

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



123823



3B4A42



283812



1D2621



A6A6A6



262626

Same Dimension

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



123823



0E4A29



123835



191C1A



005C29



00DB62

Inverse Universe

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



381227



4A0E2F



381215



1C191B



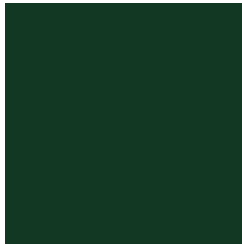
5C0033



DB0079

Previews

White Background



This preview shows how the Hex color 123823 looks on a white background.

Color Contrast Check

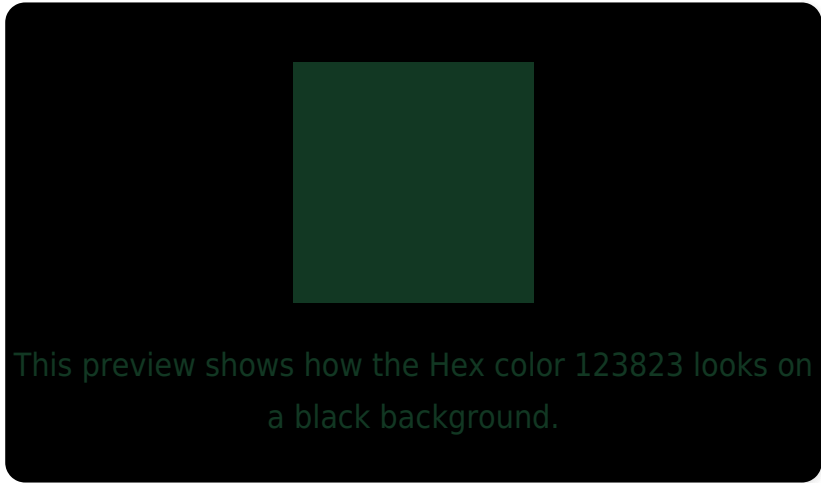
Large Text (above 18pt) WCAG AA ✓ Pass

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

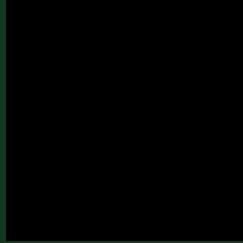
Any Text WCAG AA × Fail

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 123823 Background



This preview shows how black text looks on a background with the Hex color 123823.



This preview shows how white text looks on a background with the Hex color 123823.

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](#).

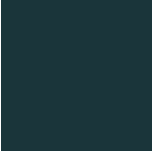
Dichromacy



Original Color
123823

Protanopia
353120

Deuteranopia
3A2F25



Tritanopia
1A353A

Trichromacy



Original Color
123823

Protanomaly
283421

Deuteranomaly
2B3224

Tritanomaly
173632

Monochromacy



Original Color
123823

Achromatopsia
2A2A2A

Achromatomaly
212F27

CSS Examples

Text

The CSS property to change the color of the text to Hex 123823 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 #123823 looks like.

```
.text, #text, p{  
    color:#123823  
}
```

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 #123823 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #123823
}
```

Border

The CSS property to change the border of an element to Hex 123823 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".

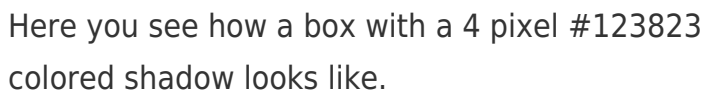
```
.border, #border, table{ border:4px solid
#123823 }
```

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

```
.border{ border-color:#123823 }
```

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

Here you see how a box with a 4 pixel #123823 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #123823; -webkit-box-shadow:4px 4px  
4px 4px #123823; box-shadow:4px 4px 4px  
4px #123823 }
```

Background

The CSS property to change the background color of an element to Hex 123823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#123823 }
```

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

```
.background{ background-color:#123823 }
```

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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