

Converting Colors

Hex(123B51)

Have a look what the booklet for
Hex(123B51) contains.

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Color

Hex(123B51)

Conversions

Conversions Part 1

Format	Color
Hex	123B51
RGB	18, 59, 81
RGB Percent	7%, 23%, 32%
CMY	0.9294, 0.7686, 0.6824
CMYK	0.78, 0.27, 0.00, 0.68
HSL	201°, 64%, 19%
HSV	201°, 78%, 32%
XYZ	3.2986, 3.8506, 8.3540
YIQ	49.2490, -31.4980, -1.8500

Conversions

Conversions Part 2

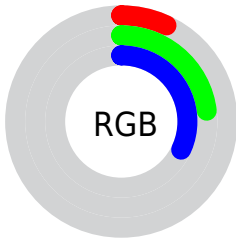
Format	Color
R_{YB}	18, 43, 81
Decimal	1194833
CIE Lab	23.17, -5.75, -17.45
CIE LCh	23, 18.371, 251.763
Yxy	3.8506, 0.2128, 0.2484
Android (android.graphics.Color)	4279384913 (0xFF123B51)
YUV	49.2490, 15.6532, -27.4054
Hunter-Lab	19.6230, -4.3343, -11.5051

Details

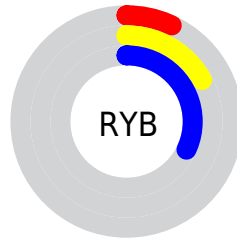
The Hex color **123B51** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **512812**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **466A82**, and **001124** is the 20% darker color. If you saturate the color by 10%, you get **0A3851**, and if you desaturate by 10%, it is **1A3E51**.

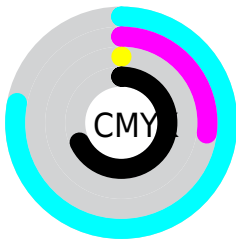
Distribution



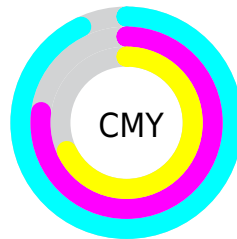
- Red (7%)
- Green (23%)
- Blue (32%)



- Red (7%)
- Yellow (17%)
- Blue (32%)



- Cyan (78%)
- Magenta (27%)
- Yellow (0%)
- Black (68%)



- Cyan (93%)
- Magenta (77%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 123B51 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 123B51 by changing the saturation by 10% instead.

■ 123B51

■ 123B51

FFFFFF

■ 00253A

■ 466A82

■ 001124

■ 60839D

■ 00010D

■ 7A9DB7

■ 000000

■ 95B8D3

■ B0D4EF

■ CCF0FF

■ E8FFFF

■ 123B51

■ 123B51

■ 0A3851

■ 1A3E51

■ 023551

■ 224151

■ 003551

■ 2A4351

■ 324651

■ 3A4951

■ 434C51

■ 4B4F51

■ 535251

■ 5B5451

Harmonies

Analogous

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



003E49



123B51



2C3752

Triad

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



123B51



522C32



2C3C22

Complementary

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



123B51



512812

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.



3B381C



123B51



502F26

Square

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



123B51



4D2E40



47341D



1A3E2E

Rectangle

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



123B51



3A334F



47341D



313B1F

Sweetspot

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



123B51



516069



125127



273036



B5B5B5



363636

Same Dimension

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



123B51



074769



121D51



252729



004469



0097E8

Inverse Universe

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



51123B



690747



514612



292527



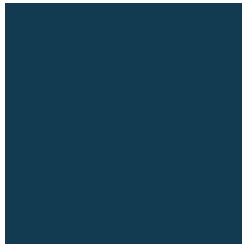
690044



E80097

Previews

White Background



This preview shows how the Hex color 123B51 looks on a white background.

Color Contrast Check

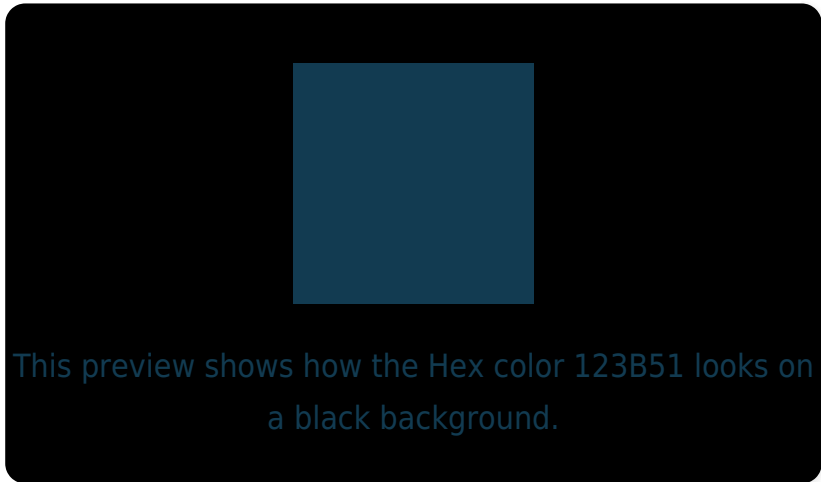
Large Text (above 18pt) WCAG AA ✓ Pass

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

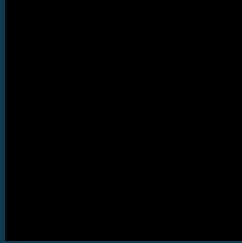
Any Text WCAG AA × Fail

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 123B51 Background



This preview shows how black text looks on a background with the Hex color 123B51.



This preview shows how white text looks on a background with the Hex color 123B51.

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
123B51

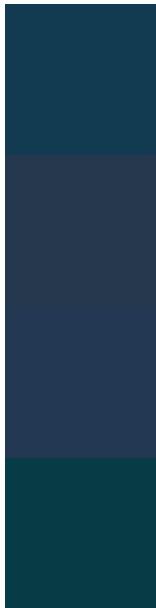
Protanopia
30374D

Deuteranopia
2C3752



Tritanopia
003D42

Trichromacy



Original Color
123B51

Protanomaly
25384E

Deuteranomaly
233852

Tritanomaly
073C47

Monochromacy



Original Color
123B51

Achromatopsia
313131

Achromatomaly
26353D

CSS Examples

Text

The CSS property to change the color of the text to Hex 123B51 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 #123B51 looks like.

```
.text, #text, p{  
    color:#123B51  
}
```

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 #123B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #123B51
}
```

Border

The CSS property to change the border of an element to Hex 123B51 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
#123B51 }
```

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

```
.border{ border-color:#123B51 }
```

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

Here you see how a box with a 4 pixel #123B51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #123B51; -webkit-box-shadow:4px 4px  
4px 4px #123B51; box-shadow:4px 4px 4px  
4px #123B51 }
```

Background

The CSS property to change the background color of an element to Hex 123B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#123B51 }
```

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

```
.background{ background-color:#123B51 }
```

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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