

Converting Colors

Hex(123C59)

Have a look what the booklet for
Hex(123C59) contains.

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Color

Hex(123C59)

Conversions

Conversions Part 1

Format	Color
Hex	123C59
RGB	18, 60, 89
RGB Percent	7%, 24%, 35%
CMY	0.9294, 0.7647, 0.6510
CMYK	0.80, 0.33, 0.00, 0.65
HSL	205°, 66%, 21%
HSV	205°, 80%, 35%
XYZ	3.6685, 4.0816, 10.0457
YIQ	50.7480, -34.3410, 0.1150

Conversions

Conversions Part 2

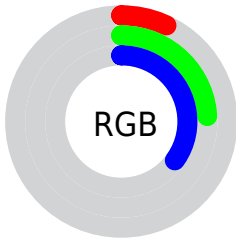
Format	Color
RYB	18, 44, 89
Decimal	1195097
CIELab	23.94, -3.18, -21.51
CIELCh	24, 21.745, 261.595
Yxy	4.0816, 0.2061, 0.2294
Android (android.graphics.Color)	4279385177 (0xFF123C59)
YUV	50.7480, 18.8582, -28.7200
Hunter-Lab	20.2029, -2.9428, -15.3392

Details

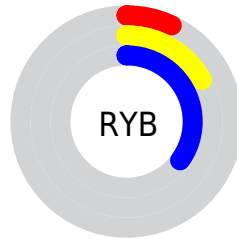
The Hex color **123C59** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **592F12**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **486B8B**, and **00122B** is the 20% darker color. If you saturate the color by 10%, you get **093859**, and if you desaturate by 10%, it is **1B4059**.

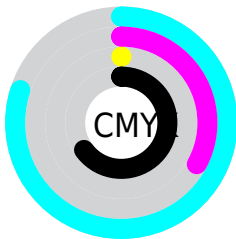
Distribution



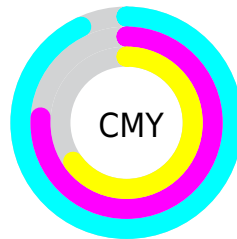
- Red (7%)
- Green (24%)
- Blue (35%)



- Red (7%)
- Yellow (17%)
- Blue (35%)



- Cyan (80%)
- Magenta (33%)
- Yellow (0%)
- Black (65%)



- Cyan (93%)
- Magenta (76%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 123C59 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 123C59 by changing the saturation by 10% instead.

■ 123C59

■ 123C59

FFFFFF

■ 002641

■ 486B8B

■ 00122B

■ 6284A6

■ 000116

■ 7C9EC1

■ 000000

■ 97B9DD

■ B3D5F9

■ CFF1FF

■ ECFFFF

■ 123C59

■ 123C59

■ 093859

■ 1B4059

■ 003559

■ 244359

■ 2D4759

■ 364B59

■ 3E4E59

■ 475259

■ 505559

■ 595959

■ 625D59

Harmonies

Analogous

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



004052



123C59



333657

Triad

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



123C59



582C2E



243F24

Complementary

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



123C59



592F12

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.



373C1A



123C59



533120

Square

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



123C59



552C3E



473618



074134

Rectangle

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



123C59



433251



473618



2B3E20

Sweetspot

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



123C59



576873



12592E



2A343B



BABABA



3B3B3B

Same Dimension

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



123C59



054673



121959



272A2B



003F6B



008BEB

Inverse Universe

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



59123C



730546



595212



2B272A



6B003F



EB008B

Previews

White Background



This preview shows how the Hex color 123C59 looks on a white background.

Color Contrast Check

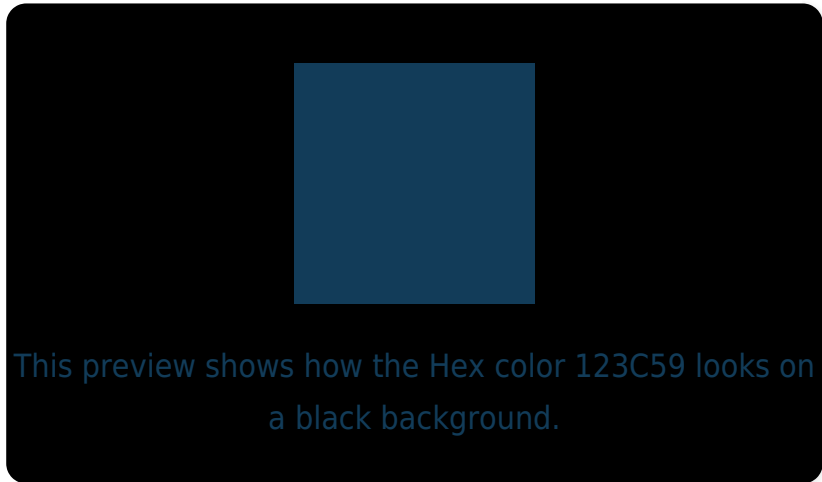
Large Text (above 18pt) WCAG AA ✓ Pass

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

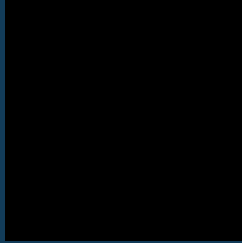
Any Text WCAG AA × Fail

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 123C59 Background



This preview shows how black text looks on a background with the Hex color 123C59.



This preview shows how white text looks on a background with the Hex color 123C59.

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
123C59

Protanopia
2F3856

Deuteranopia
27395A



Tritanopia
003F44

Trichromacy



Original Color
123C59

Protanomaly
243957

Deuteranomaly
1F3A5A

Tritanomaly
073E4C

Monochromacy



Original Color
123C59

Achromatopsia
333333

Achromatomaly
273641

CSS Examples

Text

The CSS property to change the color of the text to Hex 123C59 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 #123C59 looks like.

```
.text, #text, p{  
    color:#123C59  
}
```

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 #123C59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #123C59
}
```

Border

The CSS property to change the border of an element to Hex 123C59 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
#123C59 }
```

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

```
.border{ border-color:#123C59 }
```

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

Here you see how a box with a 4 pixel #123C59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #123C59; -webkit-box-shadow:4px 4px  
4px 4px #123C59; box-shadow:4px 4px 4px  
4px #123C59 }
```

Background

The CSS property to change the background color of an element to Hex 123C59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#123C59 }
```

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

```
.background{ background-color:#123C59 }
```

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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