

# Converting Colors

Hex(123C32)

Have a look what the booklet for  
Hex(123C32) contains.

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# Color

Hex(123C32)

# Conversions

## Conversions Part 1

Format	Color
Hex	123C32
RGB	18, 60, 50
RGB Percent	7%, 24%, 20%
CMY	0.9294, 0.7647, 0.8039
CMYK	0.70, 0.00, 0.17, 0.76
HSL	166°, 54%, 15%
HSV	166°, 70%, 24%
XYZ	2.4410, 3.5906, 3.5820
YIQ	46.3020, -21.8220, -12.0140

# Conversions

## Conversions Part 2

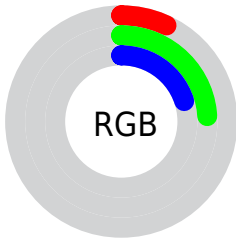
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 42, 60
Decimal	1195058
CIE <sub>Lab</sub>	22.27, -17.43, 1.90
CIE <sub>LCh</sub>	22, 17.536, 173.791
Yxy	3.5906, 0.2539, 0.3735
Android (android.graphics.Color)	4279385138 (0xFF123C32)
YUV	46.3020, 1.8231, -24.8209
Hunter-Lab	18.9489, -10.1658, 2.0563

# Details

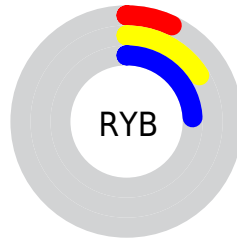
The Hex color **123C32** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3C121C**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **426C60**, and **000F03** is the 20% darker color. If you saturate the color by 10%, you get **0C3C31**, and if you desaturate by 10%, it is **183C33**.

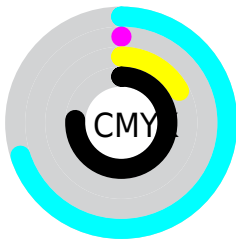
# Distribution



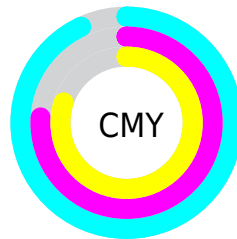
- Red (7%)
- Green (24%)
- Blue (20%)



- Red (7%)
- Yellow (16%)
- Blue (24%)



- Cyan (70%)
- Magenta (0%)
- Yellow (17%)
- Black (76%)



- Cyan (93%)
- Magenta (76%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 123C32 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 123C32 by changing the saturation by 10% instead.




 123C32

 123C32

FEFFFF

 00261D

 426C60

 000F03

 5B8579

 000000

 749F93

 8EBAAD

 A9D6C8

 C5F3E5

 E1FFFF

 123C32

 123C32

■ 0C3C31

■ 183C33

■ 063C2F

■ 1E3C35

■ 003C2E

■ 243C36

■ 2A3C38

■ 303C39

■ 363C3B

■ 3C3C3C

■ 423C3D

■ 483C3F

# Harmonies

## Analogous

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



243B25



123C32



003C3F

# Triad

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



123C32



33334D



4A2F21

# Complementary

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



123C32



3C121C

# 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.



4E2C2B



123C32



432E45

# Square

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



123C32



1D374F



4C2B39



40341B

# Rectangle

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



123C32



003B47



4C2B39



4C2E24



# Sweetspot

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



123C32



3E4F4B



1D3C12



1F2926



A8A8A8



292929



# Same Dimension

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



123C32



0D4F3F



12313C



1C1F1E



005E48



00DEA9



# Inverse Universe

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



3C121C



4F0D1C



3C1D12



1F1C1C



5E0016

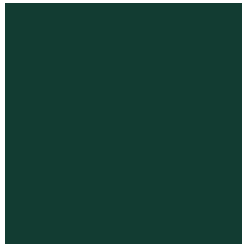


DE0035



# Previews

## White Background



This preview shows how the Hex color 123C32 looks on a white background.

## Color Contrast Check

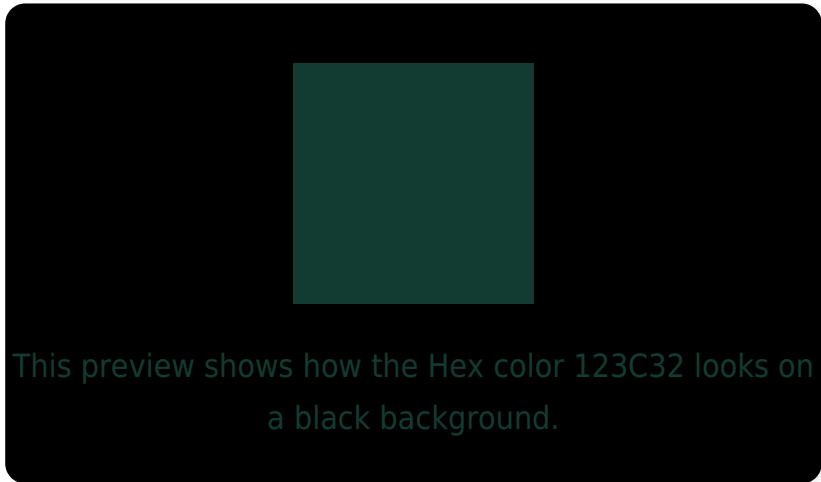
Large Text (above 18pt) WCAG AA ✓ Pass

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

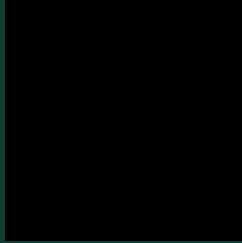
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 123C32 Background



This preview shows how black text looks on a background with the Hex color 123C32.



This preview shows how white text looks on a background with the Hex color 123C32.

# 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**  
123C32

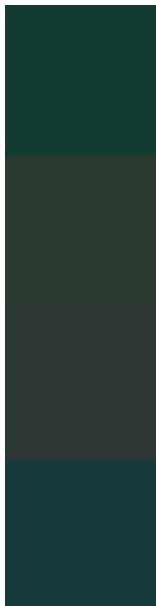
**Protanopia**  
38352E

**Deuteranopia**  
3B3434



**Tritanopia**  
183A3F

# Trichromacy



**Original Color**  
123C32

**Protanomaly**  
2A382F

**Deuteranomaly**  
2C3733

**Tritanomaly**  
163B3A

# Monochromacy



**Original Color**  
123C32

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
24332F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 123C32 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 #123C32 looks like.

```
.text, #text, p{  
    color:#123C32  
}
```

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 #123C32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #123C32
}
```

## Border

The CSS property to change the border of an element to Hex 123C32 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
#123C32 }
```

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

```
.border{ border-color:#123C32 }
```

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

Here you see how a box with a 4 pixel #123C32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #123C32; -webkit-box-shadow:4px 4px  
4px 4px #123C32; box-shadow:4px 4px 4px  
4px #123C32 }
```

# Background

The CSS property to change the background color of an element to Hex 123C32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#123C32 }
```

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

```
.background{ background-color:#123C32 }
```

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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