

# Converting Colors

Hex(113C2C)

Have a look what the booklet for  
Hex(113C2C) contains.

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**Color**

**Hex(113C2C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	113C2C
RGB	17, 60, 44
RGB Percent	7%, 24%, 17%
CMY	0.9333, 0.7647, 0.8275
CMYK	0.72, 0.00, 0.27, 0.76
HSL	158°, 56%, 15%
HSV	158°, 72%, 24%
XYZ	2.3016, 3.5327, 2.9434
YIQ	45.3190, -20.4920, -14.0920

# Conversions

## Conversions Part 2

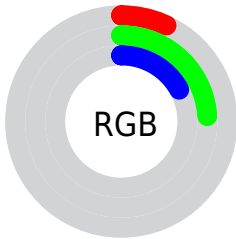
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 43, 60
Decimal	1129516
CIELab	22.06, -19.41, 5.60
CIElCh	22, 20.197, 163.903
Yxy	3.5327, 0.2622, 0.4025
Android (android.graphics.Color)	4279319596 (0xFF113C2C)
YUV	45.3190, -0.6503, -24.8358
Hunter-Lab	18.7956, -11.0337, 3.8719

# Details

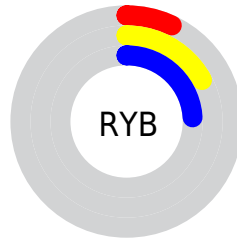
The Hex color **113C2C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3C1121**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **416C59**, and **000E00** is the 20% darker color. If you saturate the color by 10%, you get **0B3C2A**, and if you desaturate by 10%, it is **173C2E**.

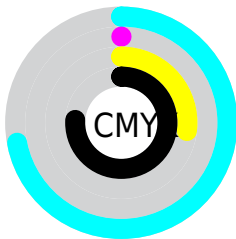
# Distribution



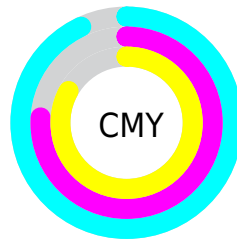
- Red (7%)
- Green (24%)
- Blue (17%)



- Red (7%)
- Yellow (17%)
- Blue (24%)



- Cyan (72%)
- Magenta (0%)
- Yellow (27%)
- Black (76%)




- Cyan (93%)
- Magenta (76%)
- Yellow (83%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 113C2C 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 113C2C by changing the saturation by 10% instead.



 113C2C

 113C2C


 FCFFF

 002617

 416C59

 000E00

 5A8572

 000000


 739F8B


 8DBBA6

 A8D6C1

 C3F3DD

 E0FFF9

 113C2C

 113C2C

■ 0B3C2A

■ 173C2E

■ 053C28

■ 1D3C30

■ 003C26

■ 233C33

■ 293C35

■ 2F3C37

■ 353C39

■ 3B3C3C

■ 413C3E

■ 473C40

# Harmonies

## Analogous

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



273A1F



113C2C



003D3B

# Triad

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



113C2C



293452



4E2C21

# Complementary

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



113C2C



3C1121

# 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.



51292E



113C2C



3F2E4A

# Square

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



113C2C



073951



4D2A3D



453118

# Rectangle

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



113C2C



003C45



4D2A3D



502A25



# Sweetspot

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



113C2C



3E4F49



213C11



1E2925



A8A8A8



292929



# Same Dimension

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



113C2C



0B4F36



11373C



1C1F1D



005E3B



00DE8B



# Inverse Universe

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



3C1121



4F0B24



3C1611



1F1C1D



5E0023

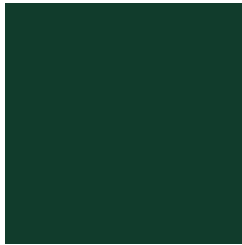


DE0053



# Previews

## White Background



This preview shows how the Hex color 113C2C looks on a white background.

## Color Contrast Check

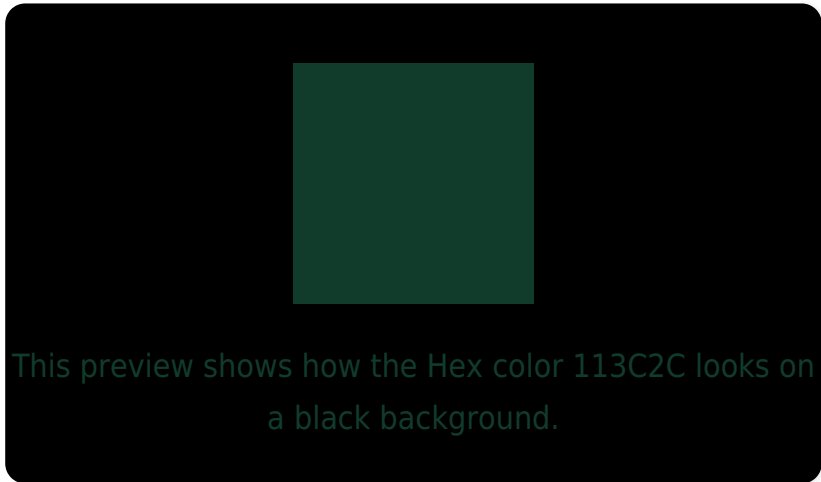
Large Text (above 18pt) WCAG AA ✓ Pass

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

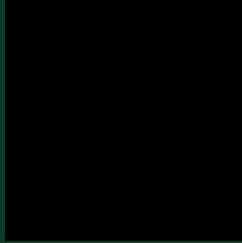
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 113C2C Background



This preview shows how black text looks on a background with the Hex color 113C2C.



This preview shows how white text looks on a background with the Hex color 113C2C.

# 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**  
113C2C

**Protanopia**  
383529

**Deuteranopia**  
3C332E



**Tritanopia**  
193A3E

# Trichromacy



**Original Color**  
113C2C

**Protanomaly**  
2A382A

**Deuteranomaly**  
2C362D

**Tritanomaly**  
163B37

# Monochromacy



**Original Color**  
113C2C

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
23322D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 113C2C 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 #113C2C looks like.

```
.text, #text, p{  
    color:#113C2C  
}
```

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 #113C2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #113C2C
}
```

## Border

The CSS property to change the border of an element to Hex 113C2C 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
#113C2C }
```

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

```
.border{ border-color:#113C2C }
```

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

Here you see how a box with a 4 pixel #113C2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #113C2C; -webkit-box-shadow:4px 4px  
4px 4px #113C2C; box-shadow:4px 4px 4px  
4px #113C2C }
```

# Background

The CSS property to change the background color of an element to Hex 113C2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#113C2C }
```

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

```
.background{ background-color:#113C2C }
```

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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