

Converting Colors

Hex(153C3C)

Have a look what the booklet for
Hex(153C3C) contains.

Hex(153C3C)	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(153C3C)

Conversions

Conversions Part 1

Format	Color
Hex	153C3C
RGB	21, 60, 60
RGB Percent	8%, 24%, 24%
CMY	0.9176, 0.7647, 0.7647
CMYK	0.65, 0.00, 0.00, 0.76
HSL	180°, 48%, 16%
HSV	180°, 65%, 24%
XYZ	2.7407, 3.7174, 4.8480
YIQ	48.3390, -23.2440, -8.2680

Conversions

Conversions Part 2

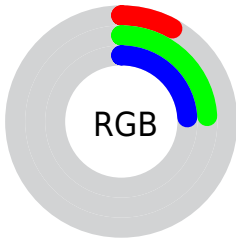
Format	Color
R_{YB}	21, 41, 60
Decimal	1391676
CIE _{Lab}	22.71, -13.55, -4.14
CIE _{LCh}	23, 14.165, 196.986
Yxy	3.7174, 0.2424, 0.3288
Android (android.graphics.Color)	4279581756 (0xFF153C3C)
YUV	48.3390, 5.7489, -23.9763
Hunter-Lab	19.2805, -8.3672, -1.4119

Details

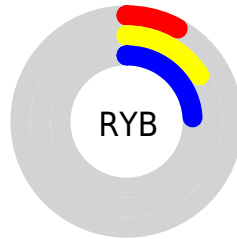
The Hex color **153C3C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3C1515**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **456C6B**, and **001212** is the 20% darker color. If you saturate the color by 10%, you get **0F3C3C**, and if you desaturate by 10%, it is **1B3C3C**.

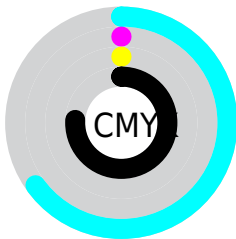
Distribution



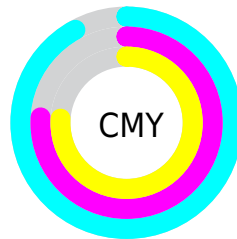
- Red (8%)
- Green (24%)
- Blue (24%)



- Red (8%)
- Yellow (16%)
- Blue (24%)



- Cyan (65%)
- Magenta (0%)
- Yellow (0%)
- Black (76%)



- Cyan (92%)
- Magenta (76%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 153C3C 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 153C3C by changing the saturation by 10% instead.

■ 153C3C

■ 153C3C

FFFFFF

■ 002626

■ 456C6B

■ 001212

■ 5E8584

■ 000000

■ 779F9F

■ 92BAB9

■ ADD6D5

■ C8F2F1

■ E5FFFF

■ 153C3C

■ 153C3C

■ 0F3C3C

■ 1B3C3C

■ 093C3C

■ 213C3C

■ 033C3C

■ 273C3C

■ 003C3C

■ 2D3C3C

■ 333C3C

■ 393C3C

■ 3F3C3C

■ 453C3C

■ 4B3C3C

Harmonies

Analogous

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



1F3C31



153C3C



153B45

Triad

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



153C3C



3F3145



423422

Complementary

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



153C3C



3C1515

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.



493127



153C3C



482F3B

Square

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



153C3C



31354A



4B2E31



373722

Rectangle

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



153C3C



1C3A49



4B2E31



443323

Sweetspot

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



153C3C



3F4F4F



153C15



1F2929



A8A8A8



292929

Same Dimension

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



153C3C



114F4F



15293C



1C1F1F



005E5E



00DEDE

Inverse Universe

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



3C153C



4F114F



3C2915



1F1C1F



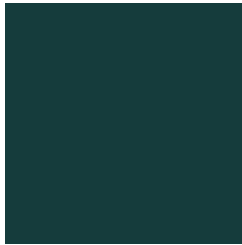
5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 153C3C looks on a white background.

Color Contrast Check

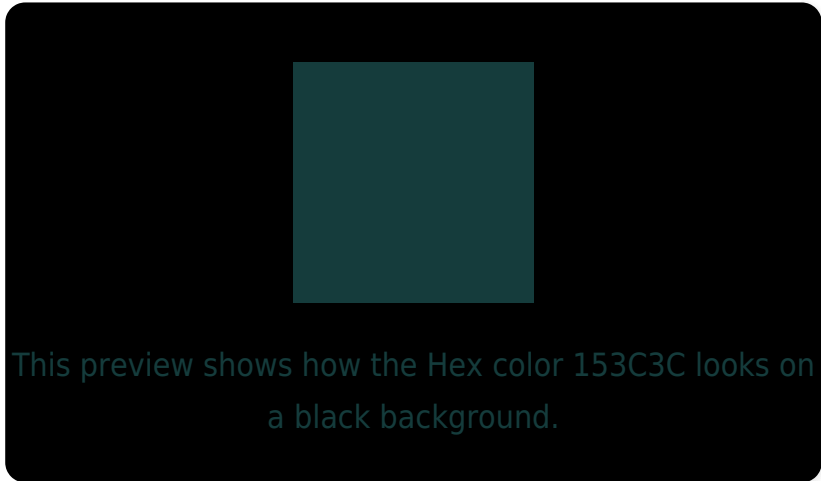
Large Text (above 18pt) WCAG AA ✓ Pass

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

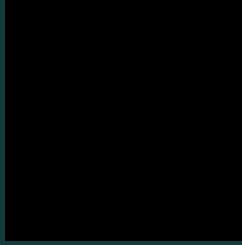
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

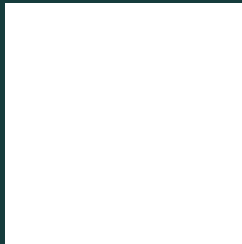
Any Text WCAG AAA × Fail

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

Hex 153C3C Background



This preview shows how black text looks on a background with the Hex color 153C3C.



This preview shows how white text looks on a background with the Hex color 153C3C.

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](#).

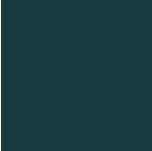
Dichromacy



Original Color
153C3C

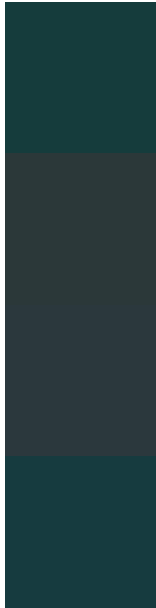
Protanopia
373638

Deuteranopia
38353E



Tritanopia
173B40

Trichromacy



Original Color
153C3C

Protanomaly
2B3839

Deuteranomaly
2B383D

Tritanomaly
163B3F

Monochromacy



Original Color
153C3C

Achromatopsia
303030

Achromatomaly
263434

CSS Examples

Text

The CSS property to change the color of the text to Hex 153C3C 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 #153C3C looks like.

```
.text, #text, p{  
    color:#153C3C  
}
```

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 #153C3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #153C3C
}
```

Border

The CSS property to change the border of an element to Hex 153C3C 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
#153C3C }
```

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

```
.border{ border-color:#153C3C }
```

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

Here you see how a box with a 4 pixel #153C3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #153C3C; -webkit-box-shadow:4px 4px  
4px 4px #153C3C; box-shadow:4px 4px 4px  
4px #153C3C }
```

Background

The CSS property to change the background color of an element to Hex 153C3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#153C3C }
```

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

```
.background{ background-color:#153C3C }
```

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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