

Converting Colors

Hex(163F3C)

Have a look what the booklet for
Hex(163F3C) contains.

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Color

Hex(163F3C)

Conversions

Conversions Part 1

Format	Color
Hex	163F3C
RGB	22, 63, 60
RGB Percent	9%, 25%, 24%
CMY	0.9137, 0.7529, 0.7647
CMYK	0.65, 0.00, 0.05, 0.75
HSL	176°, 48%, 17%
HSV	176°, 65%, 25%
XYZ	2.9240, 4.0518, 4.9029
YIQ	50.3990, -23.4730, -9.6250

Conversions

Conversions Part 2

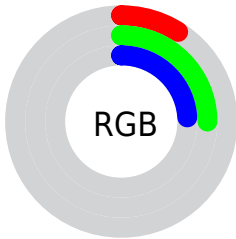
Format	Color
R_{YB}	22, 43, 63
Decimal	1457980
CIE _{Lab}	23.84, -15.06, -2.46
CIE _{LCh}	24, 15.264, 189.275
Yxy	4.0518, 0.2462, 0.3411
Android (android.graphics.Color)	4279648060 (0xFF163F3C)
YUV	50.3990, 4.7333, -24.9059
Hunter-Lab	20.1292, -9.2968, -0.3511

Details

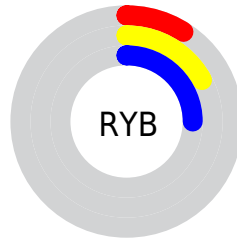
The Hex color **163F3C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3F1619**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **466F6B**, and **001612** is the 20% darker color. If you saturate the color by 10%, you get **103F3C**, and if you desaturate by 10%, it is **1C3F3C**.

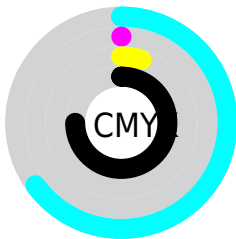
Distribution



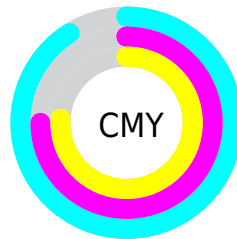
- Red (9%)
- Green (25%)
- Blue (24%)



- Red (9%)
- Yellow (17%)
- Blue (25%)



- Cyan (65%)
- Magenta (0%)
- Yellow (5%)
- Black (75%)



- Cyan (91%)
- Magenta (75%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 163F3C 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 163F3C by changing the saturation by 10% instead.

■ 163F3C

■ 163F3C

FFFFFF

■ 002926

■ 466F6B

■ 001612

■ 5F8884

■ 000000

■ 79A39F

■ 93BEB9

■ AEDAD5

■ CAF6F1

■ E6FFFF

■ 163F3C

■ 163F3C

■ 103F3C

■ 1C3F3C

■ 093F3B

■ 233F3D

■ 033F3B

■ 293F3D

■ 003F3A

■ 2F3F3E

■ 363F3E

■ 3C3F3F

■ 423F3F

■ 483F40

■ 4F3F40

Harmonies

Analogous

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



233E30



163F3C



123E47

Triad

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



163F3C



3F354A



473524

Complementary

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



163F3C



3F1619

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.



4E322B



163F3C



4A3141

Square

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



163F3C



2F394F



4F3036



3D3922

Rectangle

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



163F3C



183D4C



4F3036



4A3425

Sweetspot

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



163F3C



415250



193F16



1F2928



A8A8A8



292929

Same Dimension

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



163F3C



12524D



162E3F



1C1F1E



005E57



00DECE

Inverse Universe

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



3F1619



521217



3F2716



1F1C1C



5E0007



DE0010

Previews

White Background



This preview shows how the Hex color 163F3C looks on a white background.

Color Contrast Check

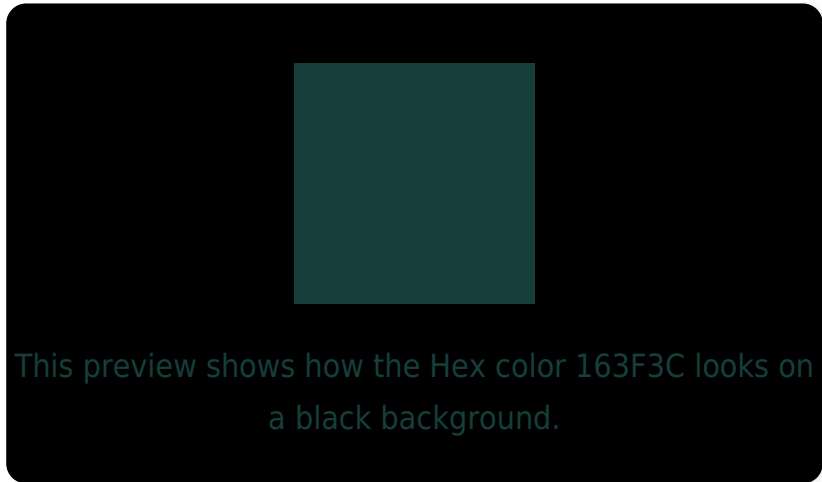
Large Text (above 18pt) WCAG AA ✓ Pass

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

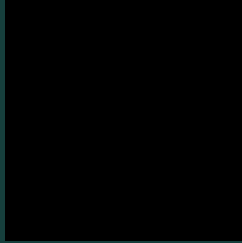
Any Text WCAG AA × Fail

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 163F3C Background



This preview shows how black text looks on a background with the Hex color 163F3C.



This preview shows how white text looks on a background with the Hex color 163F3C.

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](#).

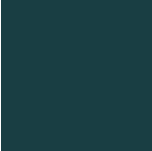
Dichromacy



Original Color
163F3C

Protanopia
3A3838

Deuteranopia
3C373E



Tritanopia
193E43

Trichromacy



Original Color
163F3C

Protanomaly
2D3B39

Deuteranomaly
2E3A3D

Tritanomaly
183E40

Monochromacy



Original Color
163F3C

Achromatopsia
323232

Achromatomaly
283736

CSS Examples

Text

The CSS property to change the color of the text to Hex 163F3C 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 #163F3C looks like.

```
.text, #text, p{  
    color:#163F3C  
}
```

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 #163F3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #163F3C
}
```

Border

The CSS property to change the border of an element to Hex 163F3C 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
#163F3C }
```

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

```
.border{ border-color:#163F3C }
```

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

Here you see how a box with a 4 pixel #163F3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #163F3C; -webkit-box-shadow:4px 4px  
4px 4px #163F3C; box-shadow:4px 4px 4px  
4px #163F3C }
```

Background

The CSS property to change the background color of an element to Hex 163F3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#163F3C }
```

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

```
.background{ background-color:#163F3C }
```

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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