

Converting Colors

Hex(163A3B)

Have a look what the booklet for
Hex(163A3B) contains.

Hex(163A3B)	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(163A3B)

Conversions

Conversions Part 1

Format	Color
Hex	163A3B
RGB	22, 58, 59
RGB Percent	9%, 23%, 23%
CMY	0.9137, 0.7725, 0.7686
CMYK	0.63, 0.02, 0.00, 0.77
HSL	182°, 46%, 16%
HSV	182°, 63%, 23%
XYZ	2.6333, 3.5125, 4.6769
YIQ	47.3500, -21.7770, -7.3210

Conversions

Conversions Part 2

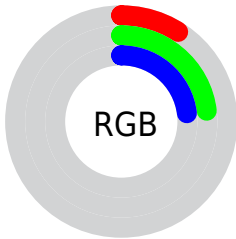
Format	Color
R_{YB}	22, 40, 59
Decimal	1456699
CIE _{Lab}	21.99, -12.45, -4.54
CIE _{LCh}	22, 13.254, 200.048
Yxy	3.5125, 0.2433, 0.3245
Android (android.graphics.Color)	4279646779 (0xFF163A3B)
YUV	47.3500, 5.7435, -22.2319
Hunter-Lab	18.7415, -7.7169, -1.6764

Details

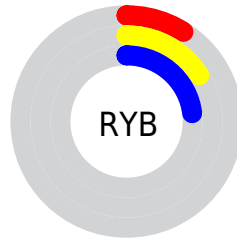
The Hex color **163A3B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3B1716**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **46696A**, and **000E11** is the 20% darker color. If you saturate the color by 10%, you get **103A3B**, and if you desaturate by 10%, it is **1C3A3B**.

Distribution



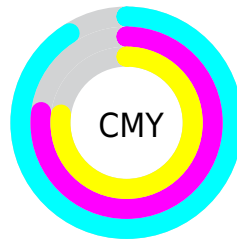
- Red (9%)
- Green (23%)
- Blue (23%)



- Red (9%)
- Yellow (16%)
- Blue (23%)



- Cyan (63%)
- Magenta (2%)
- Yellow (0%)
- Black (77%)



- Cyan (91%)
- Magenta (77%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 163A3B 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 163A3B by changing the saturation by 10% instead.

■ 163A3B

■ 163A3B

FFFFFF

■ 002425

■ 46696A

■ 000E11

■ 5E8383

■ 000000

■ 789D9D

■ 92B8B8

■ ADD3D4

■ C8F0F0

■ E5FFFF

■ 163A3B

■ 163A3B

■ 103A3B

■ 1C3A3B

■ 0A3A3B

■ 223A3B

■ 043A3B

■ 283A3B

■ 00393B

■ 2E3B3B

■ 333B3B

■ 393B3B

■ 3F3B3B

■ 453B3B

■ 4B3B3B

Harmonies

Analogous

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



1E3A31



163A3B



173943

Triad

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



163A3B



3E3041



3F3321

Complementary

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



163A3B



3B1716

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.



463026



163A3B



462E38

Square

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



163A3B



323347



482E2E



353622

Rectangle

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



163A3B



1E3747



482E2E



413222

Sweetspot

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



163A3B



3E4C4D



163B17



1D2626



A6A6A6



262626

Same Dimension

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



163A3B



134B4D



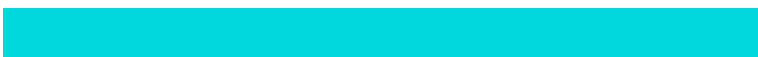
16283B



1C1F1F



005C5E



00D8DE

Inverse Universe

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



3B163A



4D134B



3B2916



1F1C1F



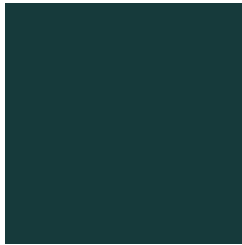
5E005C



DE00D8

Previews

White Background



This preview shows how the Hex color 163A3B looks on a white background.

Color Contrast Check

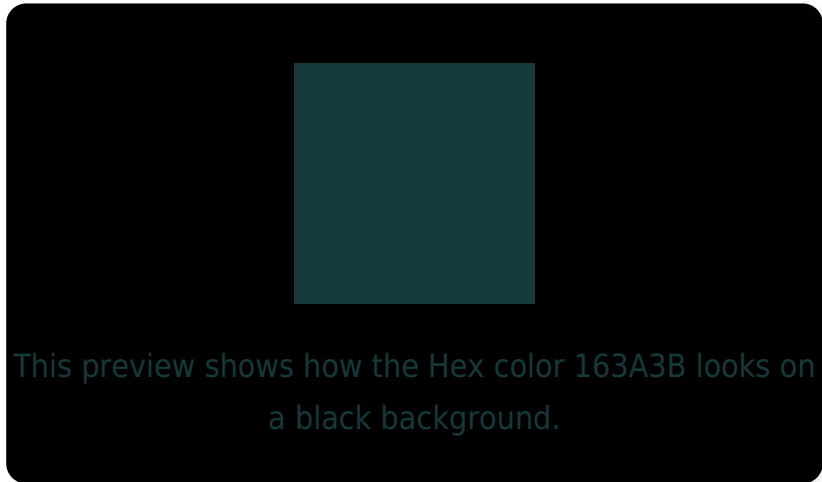
Large Text (above 18pt) WCAG AA ✓ Pass

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

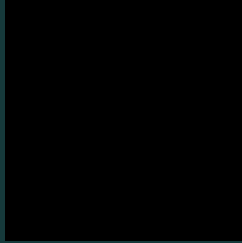
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

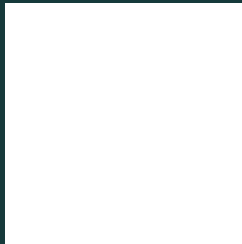
Any Text WCAG AAA × Fail

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

Hex 163A3B Background



This preview shows how black text looks on a background with the Hex color 163A3B.



This preview shows how white text looks on a background with the Hex color 163A3B.

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
163A3B

Protanopia
353437

Deuteranopia
36333C



Tritanopia
183A3E

Trichromacy



Original Color

163A3B

Protanomaly

2A3638

Deuteranomaly

2A363C

Tritanomaly

173A3D

Monochromacy



Original Color

163A3B

Achromatopsia

2F2F2F

Achromatomaly

263333

CSS Examples

Text

The CSS property to change the color of the text to Hex 163A3B 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 #163A3B looks like.

```
.text, #text, p{  
    color:#163A3B  
}
```

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 #163A3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #163A3B
}
```

Border

The CSS property to change the border of an element to Hex 163A3B 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
#163A3B }
```

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

```
.border{ border-color:#163A3B }
```

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

Here you see how a box with a 4 pixel #163A3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #163A3B; -webkit-box-shadow:4px 4px  
4px 4px #163A3B; box-shadow:4px 4px 4px  
4px #163A3B }
```

Background

The CSS property to change the background color of an element to Hex 163A3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#163A3B }
```

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

```
.background{ background-color:#163A3B }
```

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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