

Converting Colors

Hex(163E40)

Have a look what the booklet for
Hex(163E40) contains.

Hex(163E40)	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(163E40)

Conversions

Conversions Part 1

Format	Color
Hex	163E40
RGB	22, 62, 64
RGB Percent	9%, 24%, 25%
CMY	0.9137, 0.7569, 0.7490
CMYK	0.66, 0.03, 0.00, 0.75
HSL	183°, 49%, 17%
HSV	183°, 66%, 25%
XYZ	2.9789, 3.9860, 5.4629
YIQ	50.2680, -24.4820, -7.8580

Conversions

Conversions Part 2

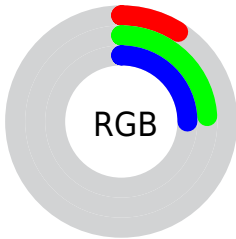
Format	Color
R_{YB}	22, 42, 64
Decimal	1457728
CIE _{Lab}	23.63, -13.15, -5.45
CIE _{LCh}	24, 14.237, 202.490
Yxy	3.9860, 0.2397, 0.3207
Android (android.graphics.Color)	4279647808 (0xFF163E40)
YUV	50.2680, 6.7699, -24.7910
Hunter-Lab	19.9649, -8.3051, -2.2476

Details

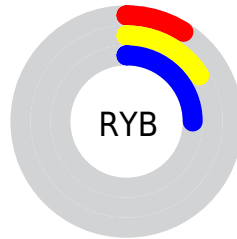
The Hex color **163E40** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **401816**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **476E70**, and **001516** is the 20% darker color. If you saturate the color by 10%, you get **103E40**, and if you desaturate by 10%, it is **1C3E40**.

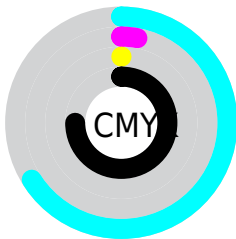
Distribution



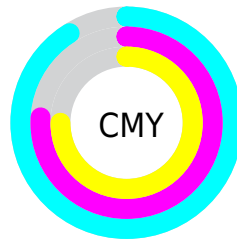
- Red (9%)
- Green (24%)
- Blue (25%)



- Red (9%)
- Yellow (16%)
- Blue (25%)



- Cyan (66%)
- Magenta (3%)
- Yellow (0%)
- Black (75%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 163E40 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 163E40 by changing the saturation by 10% instead.

■ 163E40

■ 163E40

FFFFFF

■ 00282A

■ 476E70

■ 001516

■ 608789

■ 000000

■ 79A1A3

■ 93BCBE

■ AED8DA

■ CAF5F7

■ E7FFFF

■ 163E40

■ 163E40

■ 103E40

■ 1C3E40

■ 093D40

■ 233F40

■ 033D40

■ 293F40

■ 003D40

■ 303F40

■ 364040

■ 3C4040

■ 434040

■ 494040

■ 504140

Harmonies

Analogous

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



1F3E35



163E40



193D49

Triad

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



163E40



433345



423723

Complementary

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



163E40



401816

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.



4A3328



163E40



4B313B

Square

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



163E40



36364C



4E3131



373A24

Rectangle

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



163E40



213B4C



4E3131



453524

Sweetspot

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



163E40



435354



164017



212B2B



ABABAB



2B2B2B

Same Dimension

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



163E40



125154



162A40



1E2121



005C61



00D6E0

Inverse Universe

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



40163E



541251



402C16



211E21



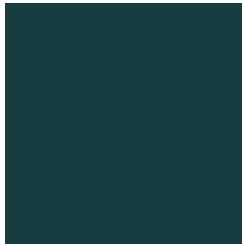
61005C



E000D6

Previews

White Background



This preview shows how the Hex color 163E40 looks on a white background.

Color Contrast Check

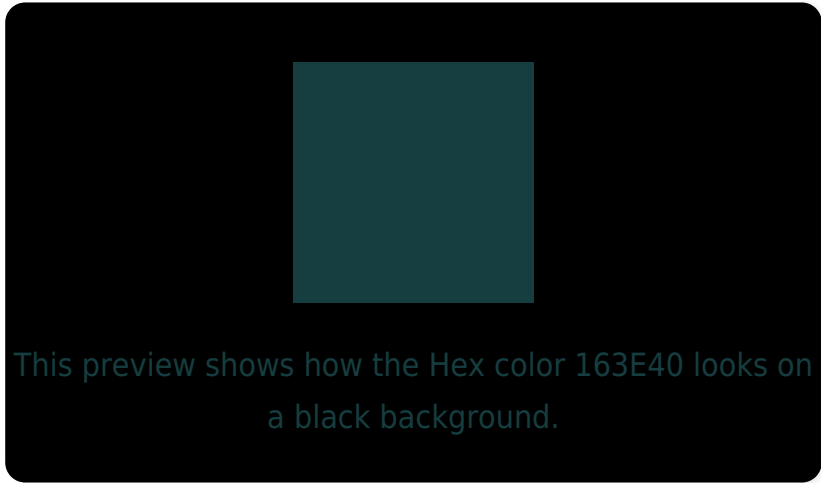
Large Text (above 18pt) WCAG AA ✓ Pass

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

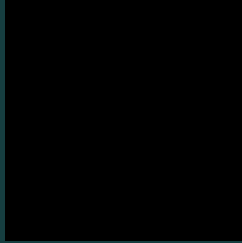
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

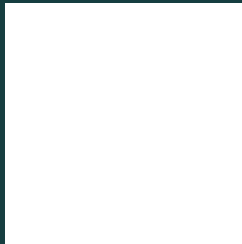
Any Text WCAG AAA × Fail

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

Hex 163E40 Background



This preview shows how black text looks on a background with the Hex color 163E40.



This preview shows how white text looks on a background with the Hex color 163E40.

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](#).

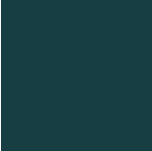
Dichromacy



Original Color
163E40

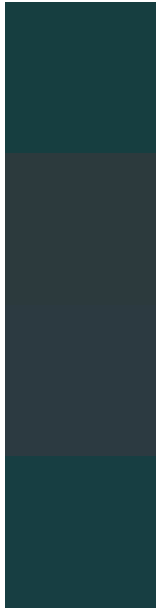
Protanopia
38383C

Deuteranopia
393742



Tritanopia
173E43

Trichromacy



Original Color
163E40

Protanomaly
2C3A3D

Deuteranomaly
2C3A41

Tritanomaly
173E42

Monochromacy



Original Color
163E40

Achromatopsia
323232

Achromatomaly
283637

CSS Examples

Text

The CSS property to change the color of the text to Hex 163E40 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 #163E40 looks like.

```
.text, #text, p{  
    color:#163E40  
}
```

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 #163E40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #163E40
}
```

Border

The CSS property to change the border of an element to Hex 163E40 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
#163E40 }
```

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

```
.border{ border-color:#163E40 }
```

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

Here you see how a box with a 4 pixel #163E40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #163E40; -webkit-box-shadow:4px 4px  
4px 4px #163E40; box-shadow:4px 4px 4px  
4px #163E40 }
```

Background

The CSS property to change the background color of an element to Hex 163E40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#163E40 }
```

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

```
.background{ background-color:#163E40 }
```

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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