

Converting Colors

Hex(173E47)

Have a look what the booklet for
Hex(173E47) contains.

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Color

Hex(173E47)

Conversions

Conversions Part 1

Format	Color
Hex	173E47
RGB	23, 62, 71
RGB Percent	9%, 24%, 28%
CMY	0.9098, 0.7569, 0.7216
CMYK	0.68, 0.13, 0.00, 0.72
HSL	191°, 51%, 18%
HSV	191°, 68%, 28%
XYZ	3.2133, 4.0823, 6.5798
YIQ	51.3650, -26.1330, -5.4690

Conversions

Conversions Part 2

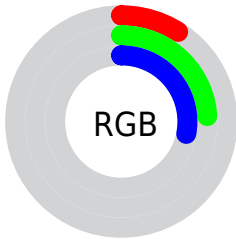
Format	Color
R_{YB}	23, 45, 71
Decimal	1523271
CIE _{Lab}	23.94, -10.49, -9.62
CIE _{LCh}	24, 14.231, 222.524
Yxy	4.0823, 0.2316, 0.2942
Android (android.graphics.Color)	4279713351 (0xFF173E47)
YUV	51.3650, 9.6801, -24.8761
Hunter-Lab	20.2048, -6.9703, -5.1649

Details

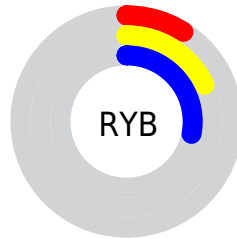
The Hex color **173E47** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **472017**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **486E77**, and **00141C** is the 20% darker color. If you saturate the color by 10%, you get **103D47**, and if you desaturate by 10%, it is **1E3F47**.

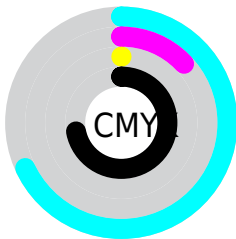
Distribution



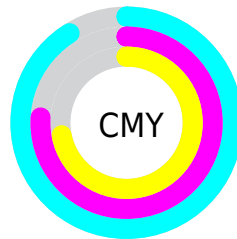
- Red (9%)
- Green (24%)
- Blue (28%)



- Red (9%)
- Yellow (18%)
- Blue (28%)



- Cyan (68%)
- Magenta (13%)
- Yellow (0%)
- Black (72%)



- Cyan (91%)
- Magenta (76%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 173E47 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 173E47 by changing the saturation by 10% instead.

■ 173E47

■ 173E47

FFFFFF

■ 002831

■ 486E77

■ 00141C

■ 618791

■ 000000

■ 7BA1AC

■ 95BCC7

■ B1D8E3

■ CCF4FF

■ E9FFFF

■ 173E47

■ 173E47

■ 103D47

■ 1E3F47

■ 093B47

■ 254147

■ 023A47

■ 2C4247

■ 003A47

■ 334347

■ 3B4547

■ 424647

■ 494747

■ 504947

■ 574A47

Harmonies

Analogous

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



193F3D



173E47



223C4D

Triad

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



173E47



4A3240



3C3A24

Complementary

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



173E47



472017

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.



463625



173E47



4E3135

Square

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



173E47



403549



4D332B



303D29

Rectangle

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



173E47



2C3A4E



4D332B



403924

Sweetspot

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



173E47



49585C



174720



232C2E



ADADAD



2E2E2E

Same Dimension

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



173E47



114E5C



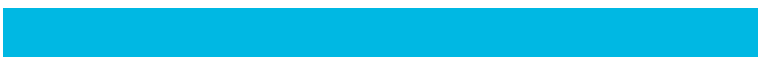
172647



202324



005163



00B8E3

Inverse Universe

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



47173E



5C114E



473817



242023



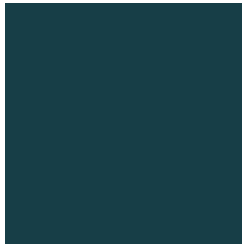
630051



E300B8

Previews

White Background



This preview shows how the Hex color 173E47 looks on a white background.

Color Contrast Check

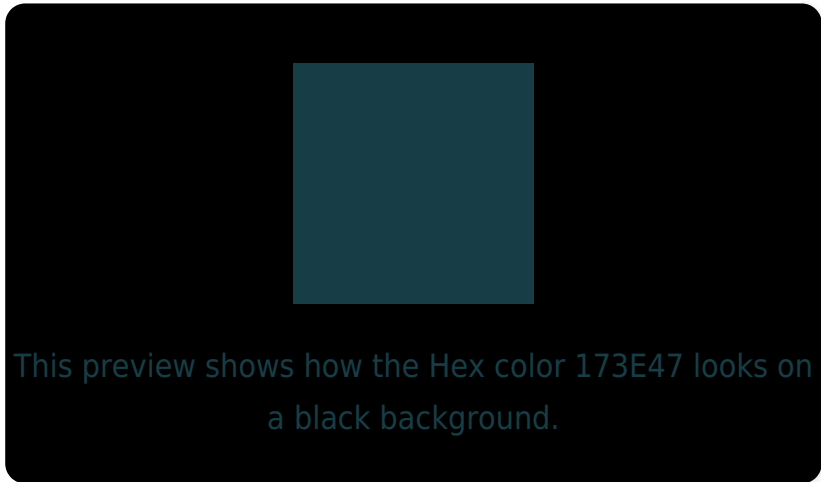
Large Text (above 18pt) WCAG AA ✓ Pass

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

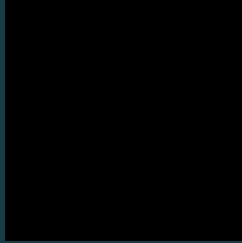
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

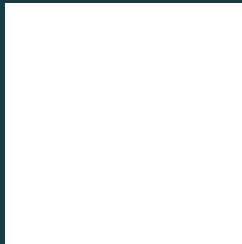
Any Text WCAG AAA × Fail

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

Hex 173E47 Background



This preview shows how black text looks on a background with the Hex color 173E47.



This preview shows how white text looks on a background with the Hex color 173E47.

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
173E47

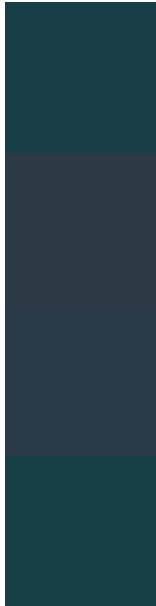
Protanopia
373843

Deuteranopia
363848



Tritanopia
153F44

Trichromacy



Original Color
173E47

Protanomaly
2B3A44

Deuteranomaly
2B3A48

Tritanomaly
163F45

Monochromacy



Original Color
173E47

Achromatopsia
333333

Achromatomaly
29373A

CSS Examples

Text

The CSS property to change the color of the text to Hex 173E47 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 #173E47 looks like.

```
.text, #text, p{  
    color:#173E47  
}
```

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 #173E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #173E47
}
```

Border

The CSS property to change the border of an element to Hex 173E47 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
#173E47 }
```

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

```
.border{ border-color:#173E47 }
```

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

Here you see how a box with a 4 pixel #173E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #173E47; -webkit-box-shadow:4px 4px  
4px 4px #173E47; box-shadow:4px 4px 4px  
4px #173E47 }
```

Background

The CSS property to change the background color of an element to Hex 173E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#173E47 }
```

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

```
.background{ background-color:#173E47 }
```

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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