

Converting Colors

Hex(173A45)

Have a look what the booklet for
Hex(173A45) contains.

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Color

Hex(173A45)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 173A45 |
| RGB | 23, 58, 69 |
| RGB Percent | 9%, 23%, 27% |
| CMY | 0.9098, 0.7725, 0.7294 |
| CMYK | 0.67, 0.16, 0.00, 0.73 |
| HSL | 194°, 50%, 18% |
| HSV | 194°, 67%, 27% |
| XYZ | 2.9406, 3.6379, 6.1774 |
| YIQ | 48.7890, -24.3910, -3.9990 |

Conversions

Conversions Part 2

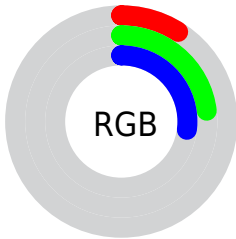
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 23, 43, 69 |
| Decimal | 1522245 |
| CIE _{Lab} | 22.44, -8.71, -10.58 |
| CIE _{LCh} | 22, 13.704, 230.540 |
| Yxy | 3.6379, 0.2305, 0.2852 |
| Android (android.graphics.Color) | 4279712325 (0xFF173A45) |
| YUV | 48.7890, 9.9640, -22.6170 |
| Hunter-Lab | 19.0734, -5.8587, -5.8513 |

Details

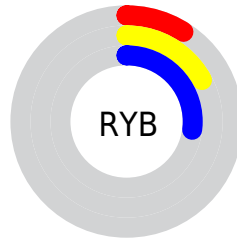
The Hex color **173A45** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **452217**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **486975**, and **00101A** is the 20% darker color. If you saturate the color by 10%, you get **103845**, and if you desaturate by 10%, it is **1E3C45**.

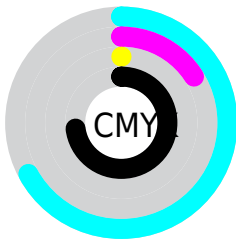
Distribution



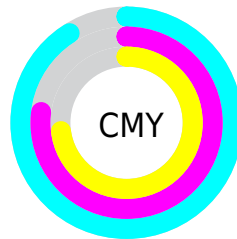
- Red (9%)
- Green (23%)
- Blue (27%)



- Red (9%)
- Yellow (17%)
- Blue (27%)



- Cyan (67%)
- Magenta (16%)
- Yellow (0%)
- Black (73%)



- Cyan (91%)
- Magenta (77%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 173A45 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 173A45 by changing the saturation by 10% instead.

■ 173A45

■ 173A45

FFFFFF

■ 00242F

■ 486975

■ 00101A

■ 60828F

■ 000000

■ 7A9CA9

■ 94B7C5

■ B0D3E0

■ CBEFFD

■ E8FFFF

■ 173A45

■ 173A45

■ 103845

■ 1E3C45

■ 093745

■ 253D45

■ 023545

■ 2C3F45

■ 003545

■ 334145

■ 3A4245

■ 404445

■ 474645

■ 4E4745

■ 554945

Harmonies

Analogous

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



153B3C



173A45



233849

Triad

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



173A45



482E39



363722

Complementary

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



173A45



452217

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.



403422



173A45



4A2E2F

Square

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



173A45



3F3143



473126



2A3A28

Rectangle

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



173A45



2E3549



473126



393621

Sweetspot

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



173A45



475559



174522



232B2E



ADADAD



2E2E2E

Same Dimension

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



173A45



124859



172345



202324



004C63



00ADE3

Inverse Universe

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



45173A



591248



453917



242023



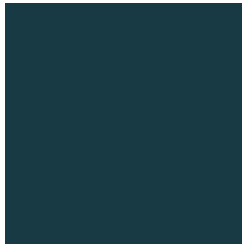
63004C



E300AD

Previews

White Background



This preview shows how the Hex color 173A45 looks on a white background.

Color Contrast Check

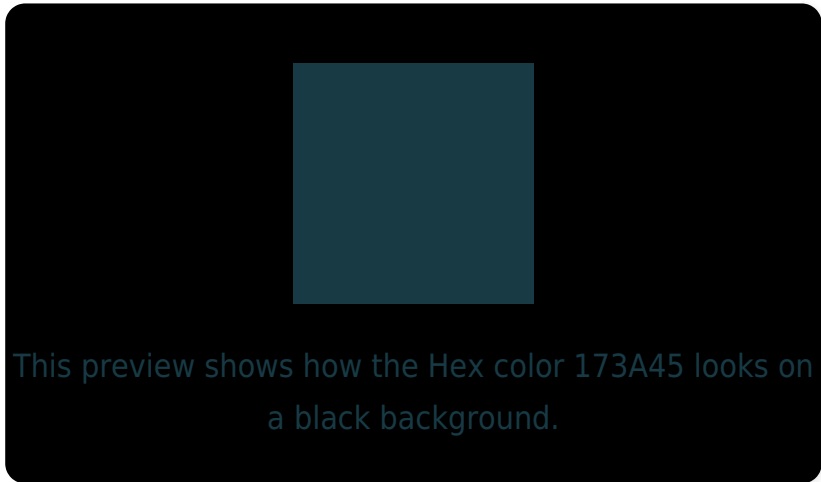
Large Text (above 18pt) WCAG AA ✓ Pass

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

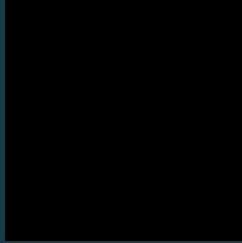
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

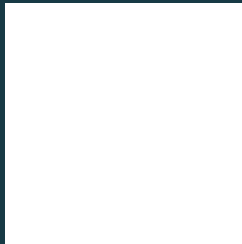
Any Text WCAG AAA × Fail

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

Hex 173A45 Background



This preview shows how black text looks on a background with the Hex color 173A45.



This preview shows how white text looks on a background with the Hex color 173A45.

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](#).

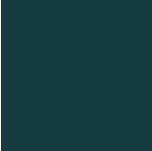
Dichromacy



Original Color
173A45

Protanopia
333542

Deuteranopia
323546



Tritanopia
143B40

Trichromacy



Original Color
173A45

Protanomaly
293743

Deuteranomaly
283746

Tritanomaly
153B42

Monochromacy



Original Color
173A45

Achromatopsia
313131

Achromatomaly
283438

CSS Examples

Text

The CSS property to change the color of the text to Hex 173A45 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 #173A45 looks like.

```
.text, #text, p{  
    color:#173A45  
}
```

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 #173A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #173A45
}
```

Border

The CSS property to change the border of an element to Hex 173A45 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
#173A45 }
```

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

```
.border{ border-color:#173A45 }
```

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

Here you see how a box with a 4 pixel #173A45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #173A45; -webkit-box-shadow:4px 4px  
4px 4px #173A45; box-shadow:4px 4px 4px  
4px #173A45 }
```

Background

The CSS property to change the background color of an element to Hex 173A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#173A45 }
```

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

```
.background{ background-color:#173A45 }
```

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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