

Converting Colors

Hex(173239)

Have a look what the booklet for
Hex(173239) contains.

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Color

Hex(173239)

Conversions

Conversions Part 1

Format	Color
Hex	173239
RGB	23, 50, 57
RGB Percent	9%, 20%, 22%
CMY	0.9098, 0.8039, 0.7765
CMYK	0.60, 0.12, 0.00, 0.78
HSL	192°, 43%, 16%
HSV	192°, 60%, 22%
XYZ	2.2325, 2.7588, 4.2857
YIQ	42.7250, -18.3390, -3.5470

Conversions

Conversions Part 2

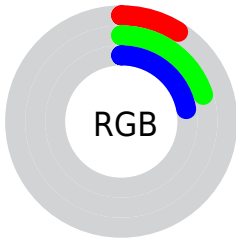
Format	Color
R_YB	23, 38, 57
Decimal	1520185
CIE Lab	19.05, -7.89, -7.60
CIE LCh	19, 10.954, 223.935
Yxy	2.7588, 0.2406, 0.2974
Android (android.graphics.Color)	4279710265 (0xFF173239)
YUV	42.7250, 7.0376, -17.2988
Hunter-Lab	16.6095, -5.0747, -3.6718

Details

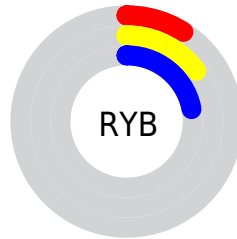
The Hex color **173239** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **391E17**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **456068**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **113139**, and if you desaturate by 10%, it is **1D3339**.

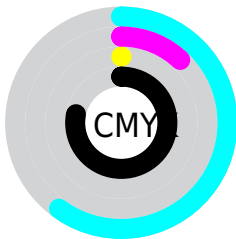
Distribution



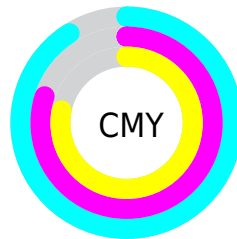
- Red (9%)
- Green (20%)
- Blue (22%)



- Red (9%)
- Yellow (15%)
- Blue (22%)



- Cyan (60%)
- Magenta (12%)
- Yellow (0%)
- Black (78%)



- Cyan (91%)
- Magenta (80%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 173239 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 173239 by changing the saturation by 10% instead.

■ 173239

■ 173239

FFFFFF

■ 011D23

■ 456068

■ 00010E

■ 5E7981

■ 000000

■ 77939B

■ 91ADB6

■ ACC9D1

■ C7E5EE

■ E3FFFF

■ 173239

■ 173239

■ 113139

■ 1D3339

■ 0C3039

■ 223439

■ 062E39

■ 283639

■ 002D39

■ 2E3739

■ 343839

■ 393939

■ 3F3A39

■ 453B39

■ 4A3D39

Harmonies

Analogous

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



173332



173239



1E303D

Triad

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



173239



3B2933



302F1F

Complementary

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



173239



391E17

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.



382C1F



173239



3E282B

Square

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



173239



342B3A



3D2A24



273123

Rectangle

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



173239



262F3E



3D2A24



332E1E

Sweetspot

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



173239



3D474A



17391E



1E2526



A6A6A6



262626

Same Dimension

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



173239



153F4A



172139



191B1C



00495C



00AEDB

Inverse Universe

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



391732



4A153F



392F17



1C191B



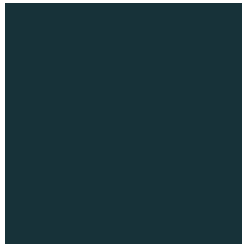
5C0049



DB00AE

Previews

White Background



This preview shows how the Hex color 173239 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

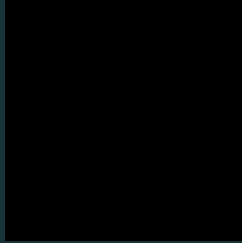
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

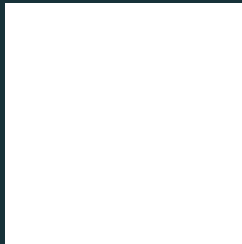
Any Text WCAG AAA × Fail

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

Hex 173239 Background



This preview shows how black text looks on a background with the Hex color 173239.



This preview shows how white text looks on a background with the Hex color 173239.

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](#).

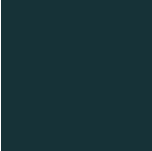
Dichromacy



Original Color
173239

Protanopia
2D2E36

Deuteranopia
2D2D3A



Tritanopia
163237

Trichromacy



Original Color
173239

Protanomaly
252F37

Deuteranomaly
252F3A

Tritanomaly
163238

Monochromacy



Original Color
173239

Achromatopsia
2B2B2B

Achromatomaly
242E30

CSS Examples

Text

The CSS property to change the color of the text to Hex 173239 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 #173239 looks like.

```
.text, #text, p{  
    color:#173239  
}
```

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 #173239 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #173239
}
```

Border

The CSS property to change the border of an element to Hex 173239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

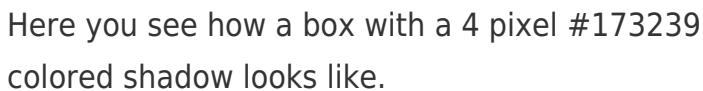
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#173239 }
```

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

```
.border{ border-color:#173239 }
```

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



Here you see how a box with a 4 pixel #173239 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #173239; -webkit-box-shadow:4px 4px  
4px 4px #173239; box-shadow:4px 4px 4px  
4px #173239 }
```

Background

The CSS property to change the background color of an element to Hex 173239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#173239 }
```

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

```
.background{ background-color:#173239 }
```

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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