

Converting Colors

Hex(173129)

Have a look what the booklet for
Hex(173129) contains.

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Color

Hex(173129)

Conversions

Conversions Part 1

Format	Color
Hex	173129
RGB	23, 49, 41
RGB Percent	9%, 19%, 16%
CMY	0.9098, 0.8078, 0.8392
CMYK	0.53, 0.00, 0.16, 0.81
HSL	162°, 36%, 14%
HSV	162°, 53%, 19%
XYZ	1.8519, 2.5389, 2.4903
YIQ	40.3140, -12.9280, -8.0000

Conversions

Conversions Part 2

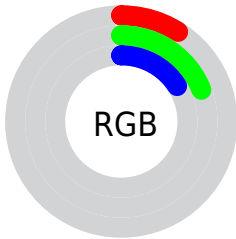
Format	Color
RYB	23, 38, 49
Decimal	1519913
CIELab	18.09, -12.41, 2.01
CIElCh	18, 12.573, 170.796
Yxy	2.5389, 0.2691, 0.3690
Android (android.graphics.Color)	4279709993 (0xFF173129)
YUV	40.3140, 0.3382, -15.1844
Hunter-Lab	15.9339, -7.1382, 1.8874

Details

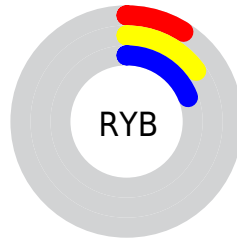
The Hex color **173129** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **31171F**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **445F56**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **123127**, and if you desaturate by 10%, it is **1C312B**.

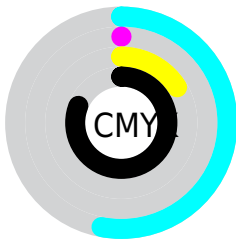
Distribution



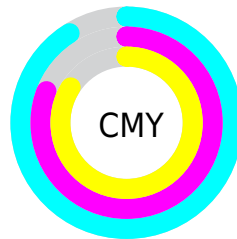
- Red (9%)
- Green (19%)
- Blue (16%)



- Red (9%)
- Yellow (15%)
- Blue (19%)



- Cyan (53%)
- Magenta (0%)
- Yellow (16%)
- Black (81%)



- Cyan (91%)
- Magenta (81%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 173129 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 173129 by changing the saturation by 10% instead.

■ 173129

■ 173129

■ FDFFF

■ 001C15

■ 445F56

■ 000000

■ 5C786E

■ 759288

■ 8FACA2

■ A9C8BD

■ C5E4D9

■ E1FFF5

■ 173129

■ 173129

■ 123127

■ 1C312B

■ 0D3126

■ 21312C

■ 083124

■ 26312E

■ 033123

■ 2B312F

■ 003122

■ 303131

■ 343132

■ 393134

■ 3E3135

■ 433137

Harmonies

Analogous

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



223020



173129



0F3132

Triad

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



173129



2A2B3D



3C281F

Complementary

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



173129



31171F

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.



3E2626



173129



352838

Square

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



173129



1C2E3E



3C262F



352B1A

Rectangle

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



173129



0E3138



3C262F



3D2721

Sweetspot

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



173129



36403D



1F3117



1B211F



A1A1A1



212121

Same Dimension

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



173129



174033



172C31



171A19



00593E



00D996

Inverse Universe

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



31171F



401724



311C17



1A1718



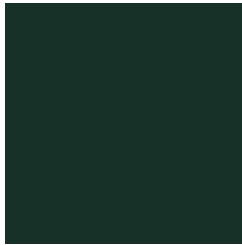
59001B



D90043

Previews

White Background



This preview shows how the Hex color 173129 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

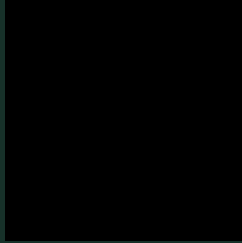
Any Text WCAG AA × Fail

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 173129 Background



This preview shows how black text looks on a background with the Hex color 173129.



This preview shows how white text looks on a background with the Hex color 173129.

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
173129

Protanopia
2E2C26

Deuteranopia
312B2A

Trichromacy



Original Color

173129

Protanomaly

262E27

Deuteranomaly

282D2A

Tritanomaly

19302F

Monochromacy



Original Color

173129

Achromatopsia

282828

Achromatomaly

222B28

CSS Examples

Text

The CSS property to change the color of the text to Hex 173129 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 #173129 looks like.

```
.text, #text, p{  
    color:#173129  
}
```

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 #173129 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #173129
}
```

Border

The CSS property to change the border of an element to Hex 173129 is called "border". The border property can be set on classes, ids or directly on the HTML element.

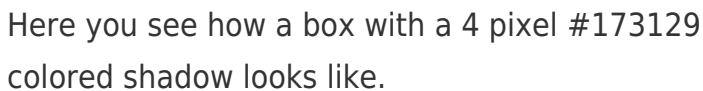
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#173129 }
```

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

```
.border{ border-color:#173129 }
```

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



Here you see how a box with a 4 pixel #173129 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #173129; -webkit-box-shadow:4px 4px  
4px 4px #173129; box-shadow:4px 4px 4px  
4px #173129 }
```

Background

The CSS property to change the background color of an element to Hex 173129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#173129 }
```

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

```
.background{ background-color:#173129 }
```

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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