

Converting Colors

Hex(172E2B)

Have a look what the booklet for
Hex(172E2B) contains.

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Color

Hex(172E2B)

Conversions

Conversions Part 1

Format	Color
Hex	172E2B
RGB	23, 46, 43
RGB Percent	9%, 18%, 17%
CMY	0.9098, 0.8196, 0.8314
CMYK	0.50, 0.00, 0.07, 0.82
HSL	172°, 33%, 14%
HSV	172°, 50%, 18%
XYZ	1.7664, 2.3106, 2.6384
YIQ	38.7810, -12.7450, -5.8090

Conversions

Conversions Part 2

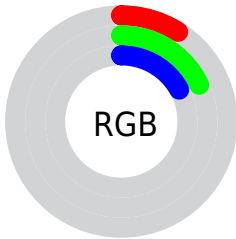
Format	Color
RYB	23, 35, 46
Decimal	1519147
CIELab	17.04, -9.97, -0.91
CIElCh	17, 10.012, 185.217
Yxy	2.3106, 0.2630, 0.3441
Android (android.graphics.Color)	4279709227 (0xFF172E2B)
YUV	38.7810, 2.0800, -13.8399
Hunter-Lab	15.2005, -5.8582, 0.3493

Details

The Hex color **172E2B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2E171A**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **445C58**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **122E2A**, and if you desaturate by 10%, it is **1C2E2C**.

Distribution



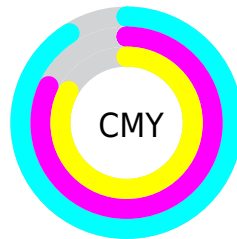
- Red (9%)
- Green (18%)
- Blue (17%)



- Red (9%)
- Yellow (14%)
- Blue (18%)



- Cyan (50%)
- Magenta (0%)
- Yellow (7%)
- Black (82%)



- Cyan (91%)
- Magenta (82%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 172E2B 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 172E2B by changing the saturation by 10% instead.

■ 172E2B

■ 172E2B

■ FDFFF

■ 001A17

■ 445C58

■ 000000

■ 5C7571

■ 748E8A

■ 8EA9A4

■ A9C4C0

■ C4E0DB

■ E0FCF8

■ 172E2B

■ 172E2B

■ 122E2A

■ 1C2E2C

■ 0E2E2A

■ 202E2C

■ 092E29

■ 252E2D

■ 052E29

■ 292E2D

■ 002E28

■ 2E2E2E

■ 332E2F

■ 372E2F

■ 3C2E30

■ 402E30

Harmonies

Analogous

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



1E2D24



172E2B



152E32

Triad

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



172E2B



2D2836



34271D

Complementary

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



172E2B



2E171A

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.



382622



172E2B



342630

Square

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



172E2B



232A38



382529



2E2A1C

Rectangle

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



172E2B



172D35



382529



36271E

Sweetspot

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



172E2B



323B3A



1A2E17



191F1E



9E9E9E



1F1F1F

Same Dimension

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



172E2B



173B36



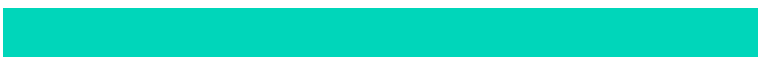
17262E



151717



00574B



00D6BA

Inverse Universe

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



2E171A



3B171C



2E1F17



171515



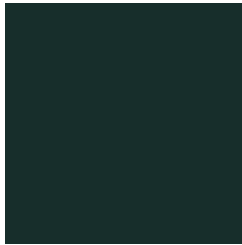
57000B



D6001C

Previews

White Background



This preview shows how the Hex color 172E2B looks on a white background.

Color Contrast Check

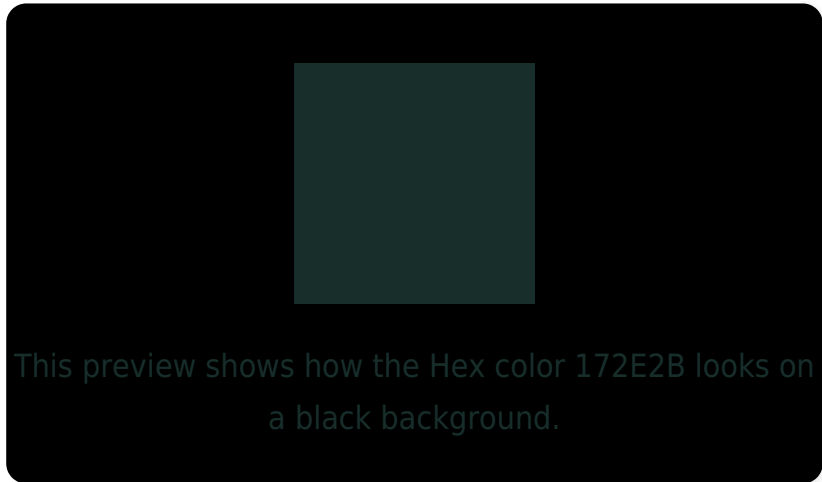
Large Text (above 18pt) WCAG AA ✓ Pass

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

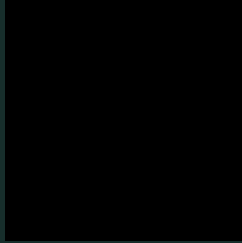
Any Text WCAG AA × Fail

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 172E2B Background



This preview shows how black text looks on a background with the Hex color 172E2B.



This preview shows how white text looks on a background with the Hex color 172E2B.

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
172E2B

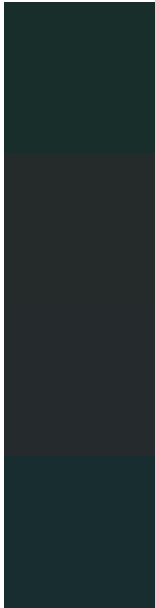
Protanopia
2B2A29

Deuteranopia
2D292C



Tritanopia
192D31

Trichromacy



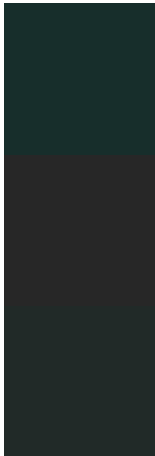
Original Color
172E2B

Protanomaly
242B2A

Deuteranomaly
252B2C

Tritanomaly
182D2F

Monochromacy



Original Color
172E2B

Achromatopsia
272727

Achromatomaly
212A28

CSS Examples

Text

The CSS property to change the color of the text to Hex 172E2B 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 #172E2B looks like.

```
.text, #text, p{  
    color:#172E2B  
}
```

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 #172E2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172E2B
}
```

Border

The CSS property to change the border of an element to Hex 172E2B 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".

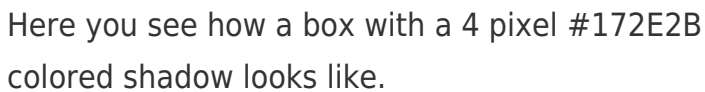
```
.border, #border, table{ border:4px solid
#172E2B }
```

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

```
.border{ border-color:#172E2B }
```

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

Here you see how a box with a 4 pixel #172E2B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172E2B; -webkit-box-shadow:4px 4px  
4px 4px #172E2B; box-shadow:4px 4px 4px  
4px #172E2B }
```

Background

The CSS property to change the background color of an element to Hex 172E2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172E2B }
```

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

```
.background{ background-color:#172E2B }
```

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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