

Converting Colors

Hex(172323)

Have a look what the booklet for
Hex(172323) contains.

Hex(172323)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(172323)

Conversions

Conversions Part 1

Format	Color
Hex	172323
RGB	23, 35, 35
RGB Percent	9%, 14%, 14%
CMY	0.9098, 0.8627, 0.8627
CMYK	0.34, 0.00, 0.00, 0.86
HSL	180°, 21%, 11%
HSV	180°, 34%, 14%
XYZ	1.2578, 1.5056, 1.8144
YIQ	31.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

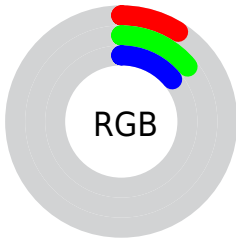
Format	Color
RYB	23, 29, 35
Decimal	1516323
CIELab	12.64, -5.20, -1.70
CIElCh	13, 5.469, 198.103
Yxy	1.5056, 0.2748, 0.3289
Android (android.graphics.Color)	4279706403 (0xFF172323)
YUV	31.4120, 1.7689, -7.3773
Hunter-Lab	12.2702, -3.1757, -0.1782

Details

The Hex color **172323** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **231717**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **424F4F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **142323**, and if you desaturate by 10%, it is **1B2323**.

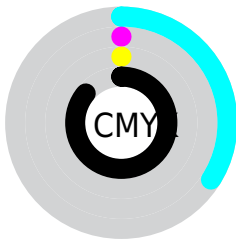
Distribution



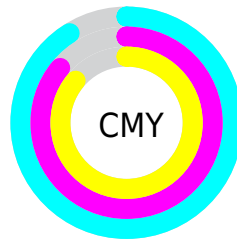
- Red (9%)
- Green (14%)
- Blue (14%)



- Red (9%)
- Yellow (11%)
- Blue (14%)



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (86%)



- Cyan (91%)
- Magenta (86%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 172323 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 172323 by changing the saturation by 10% instead.

■ 172323

■ 172323

■ FAFFFF

■ 000D0D

■ 424F4F

■ 000000

■ 5A6767

■ 728080

■ 8C9A9A

■ A6B5B5

■ C1D1D1

■ DDEDED

■ 172323

■ 172323

■ 142323

■ 1B2323

■ 102323

■ 1E2323

■ 0D2323

■ 222323

■ 092323

■ 252323

■ 052323

■ 292323

■ 022323

■ 2C2323

■ 002323

■ 302323

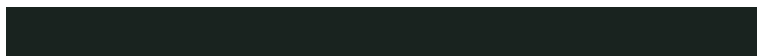
■ 332323

■ 372323

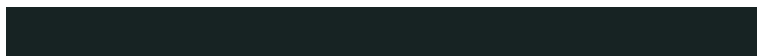
Harmonies

Analogous

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



19231F



172323



182326

Triad

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



172323



241F26



25201A

Complementary

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



172323



231717

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.



281F1B



172323



281E22

Square

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



172323



202028



291E1F



21211A

Rectangle

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



172323



192228



291E1F



26201A

Sweetspot

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



172323



292E2E



172317



141717



969696



171717

Same Dimension

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



172323



1B2E2E



171D23



101212



005252



00D1D1

Inverse Universe

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



231723



2E1B2E



231D17



121012



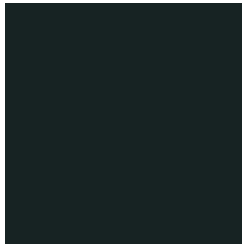
520052



D100D1

Previews

White Background



This preview shows how the Hex color 172323 looks on a white background.

Color Contrast Check

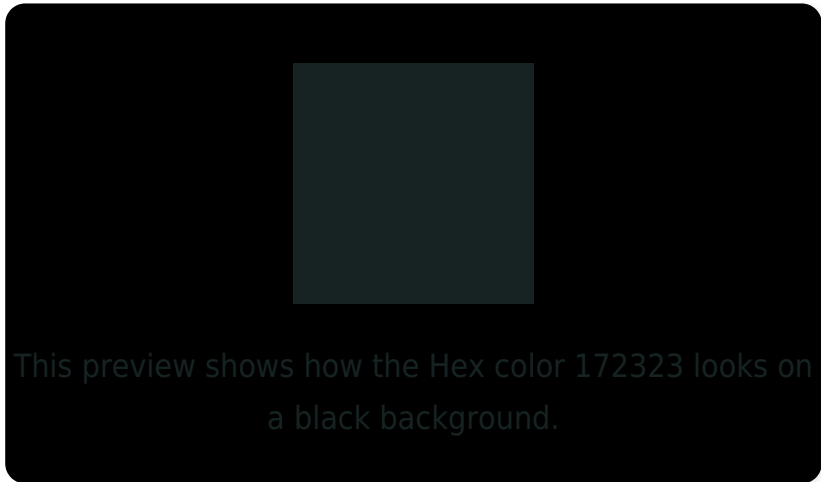
Large Text (above 18pt) WCAG AA ✓ Pass

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

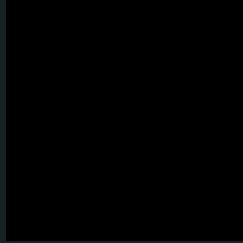
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

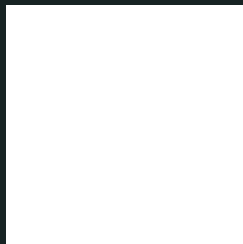
Any Text WCAG AAA × Fail

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

Hex 172323 Background



This preview shows how black text looks on a background with the Hex color 172323.

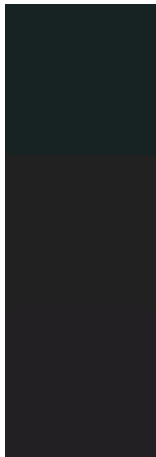


This preview shows how white text looks on a background with the Hex color 172323.

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
172323

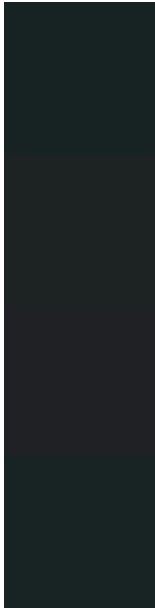
Protanopia
212122

Deuteranopia
232024



Tritanopia
182325

Trichromacy



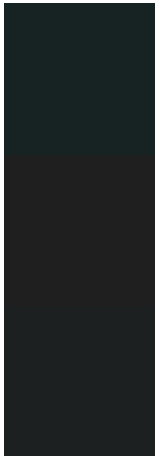
Original Color
172323

Protanomaly
1D2222

Deuteranomaly
1F2124

Tritanomaly
182324

Monochromacy



Original Color
172323

Achromatopsia
1F1F1F

Achromatomaly
1C2020

CSS Examples

Text

The CSS property to change the color of the text to Hex 172323 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 #172323 looks like.

```
.text, #text, p{  
    color:#172323  
}
```

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 #172323 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172323
}
```

Border

The CSS property to change the border of an element to Hex 172323 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".

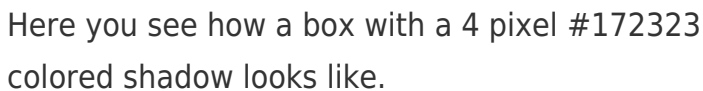
```
.border, #border, table{ border:4px solid
#172323 }
```

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

```
.border{ border-color:#172323 }
```

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

Here you see how a box with a 4 pixel #172323 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172323; -webkit-box-shadow:4px 4px  
4px 4px #172323; box-shadow:4px 4px 4px  
4px #172323 }
```

Background

The CSS property to change the background color of an element to Hex 172323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172323 }
```

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

```
.background{ background-color:#172323 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor