

Converting Colors

Hex(172A19)

Have a look what the booklet for
Hex(172A19) contains.

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Color

Hex(172A19)

Conversions

Conversions Part 1

Format	Color
Hex	172A19
RGB	23, 42, 25
RGB Percent	9%, 16%, 10%
CMY	0.9098, 0.8353, 0.9020
CMYK	0.45, 0.00, 0.40, 0.84
HSL	126°, 29%, 13%
HSV	126°, 45%, 16%
XYZ	1.3568, 1.9083, 1.2165
YIQ	34.3810, -5.8670, -9.3150

Conversions

Conversions Part 2

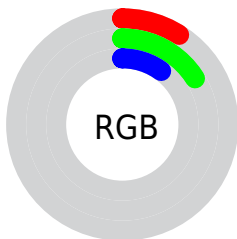
Format	Color
RYB	23, 40, 42
Decimal	1518105
CIELab	15.00, -12.32, 8.73
CIElCh	15, 15.104, 144.672
Yxy	1.9083, 0.3027, 0.4258
Android (android.graphics.Color)	4279708185 (0xFF172A19)
YUV	34.3810, -4.6248, -9.9811
Hunter-Lab	13.8140, -6.6427, 4.4485

Details

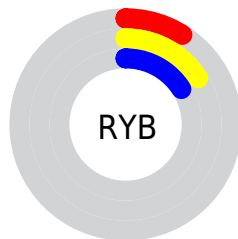
The Hex color **172A19** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2A1728**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **435744**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **132A15**, and if you desaturate by 10%, it is **1B2A1D**.

Distribution



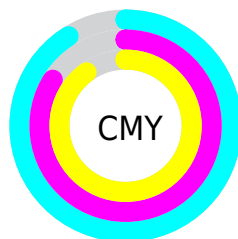
- Red (9%)
- Green (16%)
- Blue (10%)



- Red (9%)
- Yellow (16%)
- Blue (16%)



- Cyan (45%)
- Magenta (0%)
- Yellow (40%)
- Black (84%)




- Cyan (91%)
- Magenta (84%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 172A19 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 172A19 by changing the saturation by 10% instead.

 172A19

 172A19

 FBFFFC

 001600

 435744

 000000

 5A705C

 738974


 8DA48E

 A7BFA8

 C3DBC3

 DFF7DF

 172A19

 172A19

■ 132A15

■ 1B2A1D

■ 0F2A11

■ 1F2A21

■ 0A2A0E

■ 242A24

■ 062A0A

■ 282A28

■ 022A06

■ 2C2A2C

■ 002A04

■ 302A30

■ 342A33

■ 392A37

■ 3D2A3B

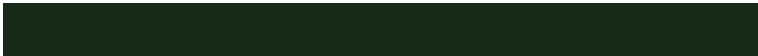
Harmonies

Analogous

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



242812



172A19



072B23

Triad

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



172A19



11273B



3A1E1D

Complementary

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



172A19



2A1728

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.



391D28



172A19



242439

Square

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



172A19



002A37



312032



362115

Rectangle

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



172A19



002B2B



312032



3A1D21

Sweetspot

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



172A19



2E362F



282A17



171C18



9C9C9C



1C1C1C

Same Dimension

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



172A19



19361C



172A22



121413



005409



00D416

Inverse Universe

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



2A1728



361933



2A171F



141214



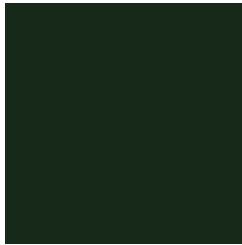
54004B



D400BD

Previews

White Background



This preview shows how the Hex color 172A19 looks on a white background.

Color Contrast Check

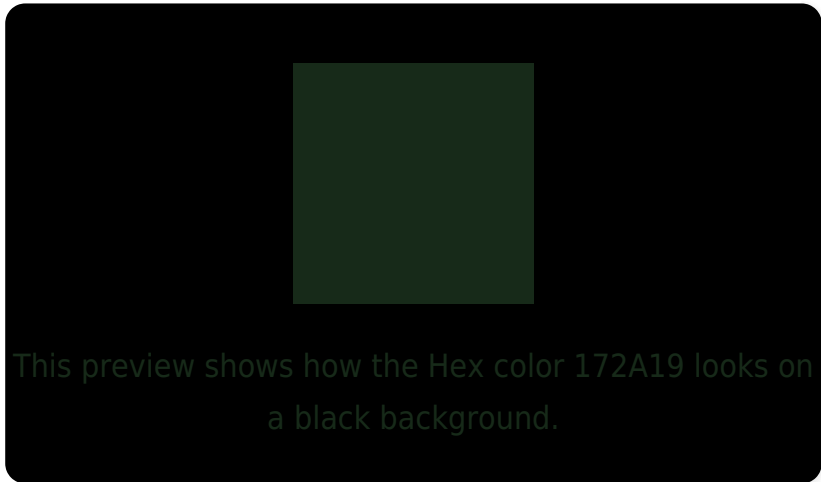
Large Text (above 18pt) WCAG AA ✓ Pass

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

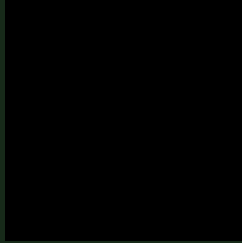
Any Text WCAG AA × Fail

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 172A19 Background



This preview shows how black text looks on a background with the Hex color 172A19.



This preview shows how white text looks on a background with the Hex color 172A19.

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
172A19

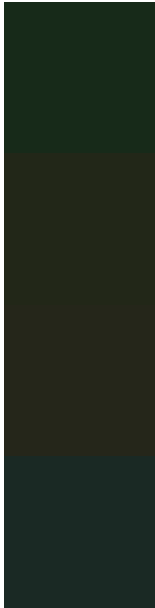
Protanopia
292617

Deuteranopia
2D241A



Tritanopia
1B282B

Trichromacy



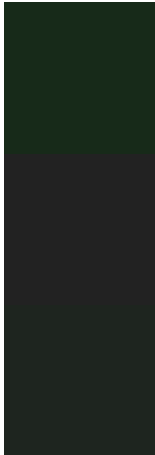
Original Color
172A19

Protanomaly
222718

Deuteranomaly
25261A

Tritanomaly
1A2924

Monochromacy



Original Color
172A19

Achromatopsia
222222

Achromatomaly
1E251F

CSS Examples

Text

The CSS property to change the color of the text to Hex 172A19 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 #172A19 looks like.

```
.text, #text, p{  
    color:#172A19  
}
```

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 #172A19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172A19
}
```

Border

The CSS property to change the border of an element to Hex 172A19 is called "border". The border property can be set on classes, ids or directly on the HTML element.

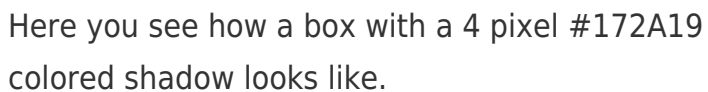
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#172A19 }
```

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

```
.border{ border-color:#172A19 }
```

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



Here you see how a box with a 4 pixel #172A19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172A19; -webkit-box-shadow:4px 4px  
4px 4px #172A19; box-shadow:4px 4px 4px  
4px #172A19 }
```

Background

The CSS property to change the background color of an element to Hex 172A19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172A19 }
```

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

```
.background{ background-color:#172A19 }
```

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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