

Converting Colors

Hex(172C2A)

Have a look what the booklet for
Hex(172C2A) contains.

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Color

Hex(172C2A)

Conversions

Conversions Part 1

Format	Color
Hex	172C2A
RGB	23, 44, 42
RGB Percent	9%, 17%, 16%
CMY	0.9098, 0.8275, 0.8353
CMYK	0.48, 0.00, 0.05, 0.83
HSL	174°, 31%, 13%
HSV	174°, 48%, 17%
XYZ	1.6719, 2.1507, 2.5175
YIQ	37.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

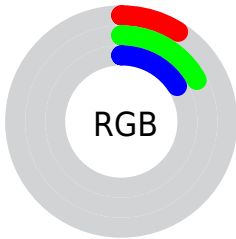
Format	Color
R _Y B	23, 34, 44
Decimal	1518634
CIE Lab	16.26, -9.01, -1.36
CIE LCh	16, 9.113, 188.571
Yxy	2.1507, 0.2637, 0.3392
Android (android.graphics.Color)	4279708714 (0xFF172C2A)
YUV	37.4930, 2.2220, -12.7104
Hunter-Lab	14.6652, -5.3138, 0.0877

Details

The Hex color **172C2A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2C1719**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **435A57**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **132C2A**, and if you desaturate by 10%, it is **1B2C2A**.

Distribution



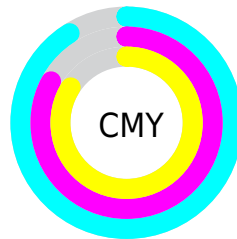
- Red (9%)
- Green (17%)
- Blue (16%)



- Red (9%)
- Yellow (13%)
- Blue (17%)



- Cyan (48%)
- Magenta (0%)
- Yellow (5%)
- Black (83%)



- Cyan (91%)
- Magenta (83%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 172C2A 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 172C2A by changing the saturation by 10% instead.

■ 172C2A

■ 172C2A

■ FCFFF

■ 001816

■ 435A57

■ 000000

■ 5B7270

■ 748C89

■ 8EA6A3

■ A8C1BE

■ C4DDDA

■ E0FAF6

■ 172C2A

■ 172C2A

■ 132C2A

■ 1B2C2A

■ 0E2C29

■ 202C2B

■ 0A2C29

■ 242C2B

■ 052C28

■ 292C2C

■ 012C28

■ 2D2C2C

■ 002C28

■ 312C2D

■ 362C2D

■ 3A2C2D

■ 3F2C2E

Harmonies

Analogous

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



1D2C23



172C2A



162C30

Triad

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



172C2A



2C2632



31261C

Complementary

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



172C2A



2C1719

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.



352421



172C2A



32242D

Square

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



172C2A



232835



352427



2B281C

Rectangle

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



172C2A



182B33



352427



33261D

Sweetspot

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



172C2A



303837



192C17



171C1C



9C9C9C



1C1C1C

Same Dimension

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



172C2A



183835



17242C



151717



00574E



00D6C2

Inverse Universe

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



2C1719



38181B



2C1F17



171515



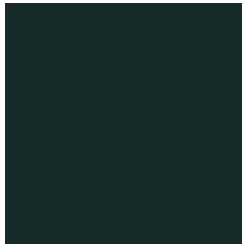
570008



D60014

Previews

White Background



This preview shows how the Hex color 172C2A looks on a white background.

Color Contrast Check

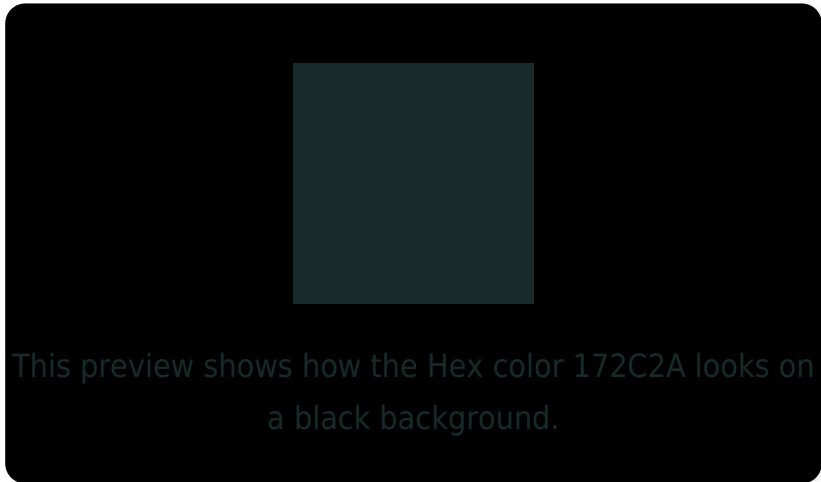
Large Text (above 18pt) WCAG AA ✓ Pass

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

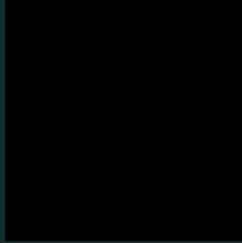
Any Text WCAG AA × Fail

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 172C2A Background



This preview shows how black text looks on a background with the Hex color 172C2A.



This preview shows how white text looks on a background with the Hex color 172C2A.

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
172C2A

Protanopia
292828

Deuteranopia
2B272B



Tritanopia
182B2F

Trichromacy



Original Color

172C2A

Protanomaly

222929

Deuteranomaly

24292B

Tritanomaly

182B2D

Monochromacy



Original Color

172C2A

Achromatopsia

252525

Achromatomaly

202827

CSS Examples

Text

The CSS property to change the color of the text to Hex 172C2A 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 #172C2A looks like.

```
.text, #text, p{  
    color:#172C2A  
}
```

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 #172C2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172C2A
}
```

Border

The CSS property to change the border of an element to Hex 172C2A 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
#172C2A }
```

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

```
.border{ border-color:#172C2A }
```

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

Here you see how a box with a 4 pixel #172C2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172C2A; -webkit-box-shadow:4px 4px  
4px 4px #172C2A; box-shadow:4px 4px 4px  
4px #172C2A }
```

Background

The CSS property to change the background color of an element to Hex 172C2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172C2A }
```

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

```
.background{ background-color:#172C2A }
```

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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