

Converting Colors

Hex(172220)

Have a look what the booklet for
Hex(172220) contains.

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Color

Hex(172220)

Conversions

Conversions Part 1

Format	Color
Hex	172220
RGB	23, 34, 32
RGB Percent	9%, 13%, 13%
CMY	0.9098, 0.8667, 0.8745
CMYK	0.32, 0.00, 0.06, 0.87
HSL	169°, 19%, 11%
HSV	169°, 32%, 13%
XYZ	1.1861, 1.4305, 1.5801
YIQ	30.4830, -5.9140, -2.9540

Conversions

Conversions Part 2

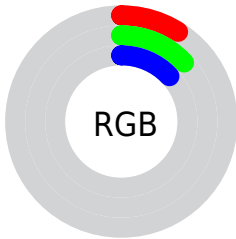
Format	Color
RYB	23, 29, 34
Decimal	1516064
CIELab	12.16, -5.40, -0.23
CIElCh	12, 5.406, 182.470
Yxy	1.4305, 0.2826, 0.3409
Android (android.graphics.Color)	4279706144 (0xFF172220)
YUV	30.4830, 0.7479, -6.5626
Hunter-Lab	11.9603, -3.2290, 0.5393

Details

The Hex color **172220** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **221719**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **424E4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **14221F**, and if you desaturate by 10%, it is **1A2221**.

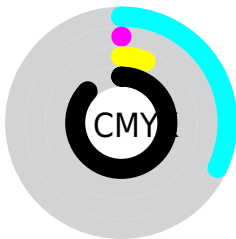
Distribution



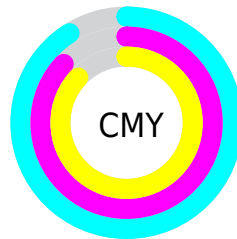
- Red (9%)
- Green (13%)
- Blue (13%)



- Red (9%)
- Yellow (11%)
- Blue (13%)



- Cyan (32%)
- Magenta (0%)
- Yellow (6%)
- Black (87%)



- Cyan (91%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 172220 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 172220 by changing the saturation by 10% instead.

■ 172220

■ 172220

■ FAFFFF

■ 000C08

■ 424E4C

■ 000000

■ 596664

■ 727F7D

■ 8C9996

■ A6B4B1

■ C1CFCD

■ DDECE9

■ 172220

■ 172220

■ 14221F

■ 1A2221

■ 10221F

■ 1E2221

■ 0D221E

■ 212222

■ 09221E

■ 252222

■ 06221D

■ 282223

■ 03221C

■ 2B2224

■ 00221C

■ 2F2224

■ 322225

■ 362226

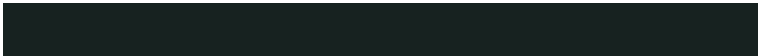
Harmonies

Analogous

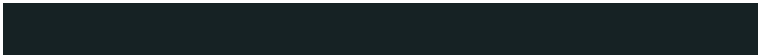
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



1A221C



172220



162224

Triad

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



172220



211F26



261E19

Complementary

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



172220



221719

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.



281E1C



172220



251E23

Square

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



172220



1C2027



271D20



222018

Rectangle

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



172220



172126



271D20



271E1A

Sweetspot

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



172220



272B2B



192217



141716



969696



171717

Same Dimension

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



172220



1A2B28



171F22



101212



005243



00D1AB

Inverse Universe

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



221719



2B1A1E



221A17



121010



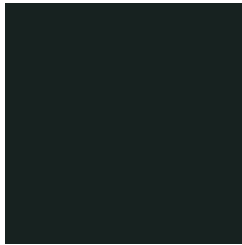
52000F



D10026

Previews

White Background



This preview shows how the Hex color 172220 looks on a white background.

Color Contrast Check

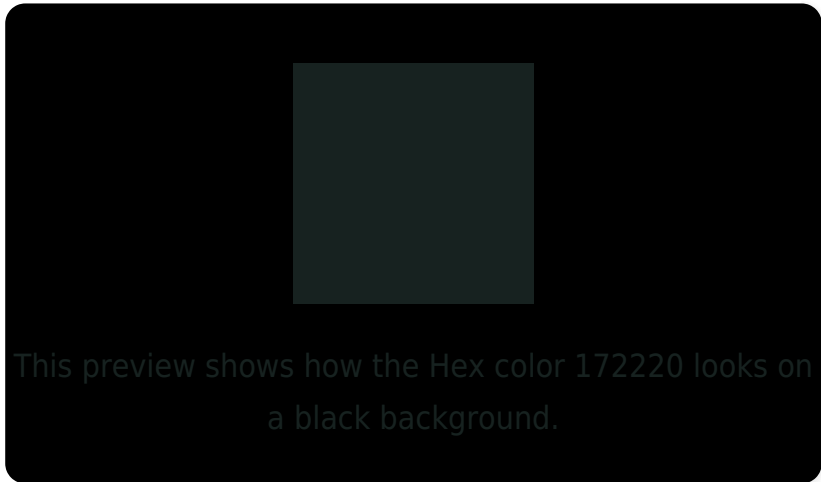
Large Text (above 18pt) WCAG AA ✓ Pass

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

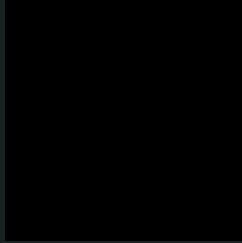
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

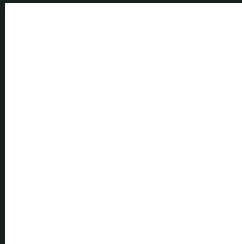
Any Text WCAG AAA × Fail

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

Hex 172220 Background



This preview shows how black text looks on a background with the Hex color 172220.

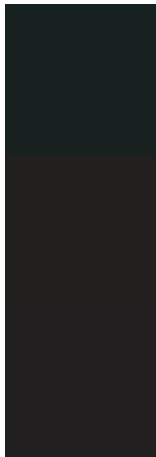


This preview shows how white text looks on a background with the Hex color 172220.

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
172220

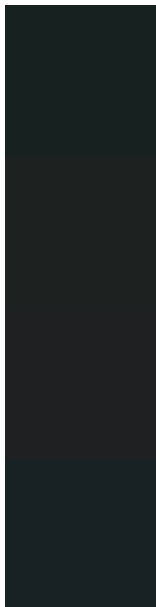
Protanopia
21201F

Deuteranopia
221F21



Tritanopia
182124

Trichromacy



Original Color

172220

Protanomaly

1D211F

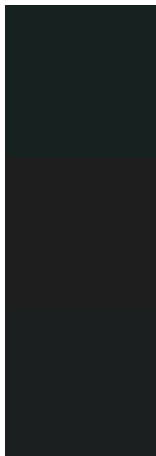
Deuteranomaly

1E2021

Tritanomaly

182123

Monochromacy



Original Color

172220

Achromatopsia

1E1E1E

Achromatomaly

1B1F1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 172220 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 #172220 looks like.

```
.text, #text, p{  
    color:#172220  
}
```

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 #172220 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172220
}
```

Border

The CSS property to change the border of an element to Hex 172220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

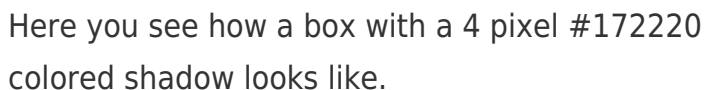
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#172220 }
```

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

```
.border{ border-color:#172220 }
```

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



Here you see how a box with a 4 pixel #172220 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172220; -webkit-box-shadow:4px 4px  
4px 4px #172220; box-shadow:4px 4px 4px  
4px #172220 }
```

Background

The CSS property to change the background color of an element to Hex 172220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172220 }
```

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

```
.background{ background-color:#172220 }
```

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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