

Converting Colors

Hex(172120)

Have a look what the booklet for
Hex(172120) contains.

Hex(172120)	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(172120)

Conversions

Conversions Part 1

Format	Color
Hex	172120
RGB	23, 33, 32
RGB Percent	9%, 13%, 13%
CMY	0.9098, 0.8706, 0.8745
CMYK	0.30, 0.00, 0.03, 0.87
HSL	174°, 18%, 11%
HSV	174°, 30%, 13%
XYZ	1.1579, 1.3742, 1.5707
YIQ	29.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

Format	Color
R_{YB}	23, 28, 33
Decimal	1515808
CIE _{Lab}	11.78, -4.71, -0.78
CIE _{LCh}	12, 4.776, 189.424
Yxy	1.3742, 0.2822, 0.3349
Android (android.graphics.Color)	4279705888 (0xFF172120)
YUV	29.8960, 1.0373, -6.0478
Hunter-Lab	11.7224, -2.8824, 0.2613

Details

The Hex color **172120** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **211718**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **424D4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **142120**, and if you desaturate by 10%, it is **1A2120**.

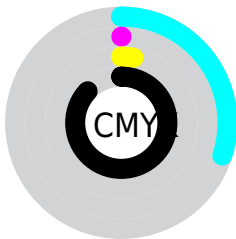
Distribution



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



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



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (87%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 172120 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 172120 by changing the saturation by 10% instead.

■ 172120

■ 172120

■ F9FFFF

■ 000A08

■ 424D4C

■ 000000

■ 596564

■ 727E7D

■ 8B9896

■ A6B3B1

■ C1CECD

■ DDEAE9

■ 172120

■ 172120

■ 142120

■ 1A2120

■ 10211F

■ 1E2121

■ 0D211F

■ 212121

■ 0A211F

■ 242121

■ 06211E

■ 282122

■ 03211E

■ 2B2122

■ 00211E

■ 2E2122

■ 312123

■ 352123

Harmonies

Analogous

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



19211D



172120



172123

Triad

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



172120



211E24



241E19

Complementary

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



172120



211718

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.



261D1B



172120



241D21

Square

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



172120



1D1F25



261D1E



211F19

Rectangle

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



172120



182025



261D1E



251E1A

Sweetspot

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



172120



272B2B



182117



141717



969696



171717

Same Dimension

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



172120



1C2B2A



171D21



0E0F0F



004F47



00CFBA

Inverse Universe

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



211718



2B1C1D



211B17



0F0E0E



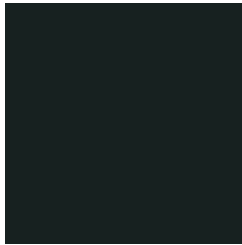
4F0008



CF0015

Previews

White Background



This preview shows how the Hex color 172120 looks on a white background.

Color Contrast Check

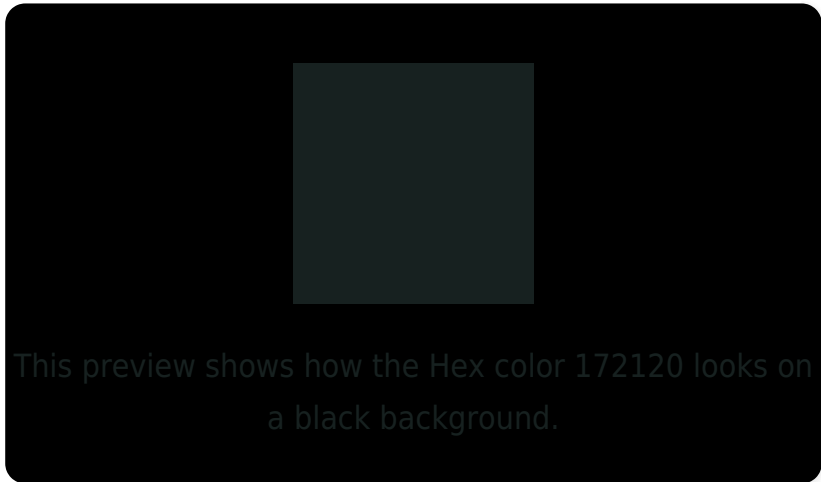
Large Text (above 18pt) WCAG AA ✓ Pass

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

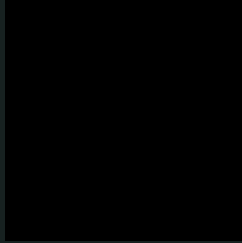
Any Text WCAG AA × Fail

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 172120 Background



This preview shows how black text looks on a background with the Hex color 172120.

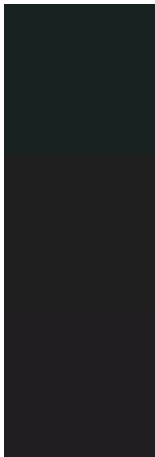


This preview shows how white text looks on a background with the Hex color 172120.

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](#).

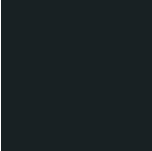
Dichromacy



Original Color
172120

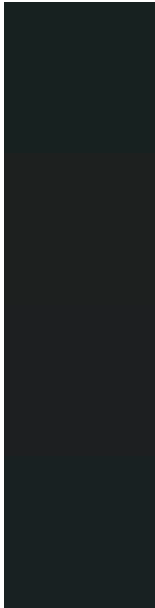
Protanopia
201F1F

Deuteranopia
211E21



Tritanopia
182123

Trichromacy



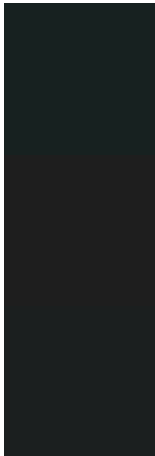
Original Color
172120

Protanomaly
1D201F

Deuteranomaly
1D1F21

Tritanomaly
182122

Monochromacy



Original Color
172120

Achromatopsia
1E1E1E

Achromatomaly
1B1F1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 172120 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 #172120 looks like.

```
.text, #text, p{  
    color:#172120  
}
```

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 #172120 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172120
}
```

Border

The CSS property to change the border of an element to Hex 172120 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
#172120 }
```

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

```
.border{ border-color:#172120 }
```

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

Here you see how a box with a 4 pixel #172120 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172120; -webkit-box-shadow:4px 4px  
4px 4px #172120; box-shadow:4px 4px 4px  
4px #172120 }
```

Background

The CSS property to change the background color of an element to Hex 172120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172120 }
```

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

```
.background{ background-color:#172120 }
```

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