

Converting Colors

Hex(172218)

Have a look what the booklet for
Hex(172218) contains.

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Color

Hex(172218)

Conversions

Conversions Part 1

Format	Color
Hex	172218
RGB	23, 34, 24
RGB Percent	9%, 13%, 9%
CMY	0.9098, 0.8667, 0.9059
CMYK	0.32, 0.00, 0.29, 0.87
HSL	125°, 19%, 11%
HSV	125°, 32%, 13%
XYZ	1.0902, 1.3922, 1.0754
YIQ	29.5710, -3.3460, -5.4420

Conversions

Conversions Part 2

Format	Color
R_{YB}	23, 33, 34
Decimal	1516056
CIE _{Lab}	11.91, -7.52, 5.20
CIE _{LCh}	12, 9.143, 145.324
Yxy	1.3922, 0.3064, 0.3913
Android (android.graphics.Color)	4279706136 (0xFF172218)
YUV	29.5710, -2.7465, -5.7628
Hunter-Lab	11.7990, -4.1545, 2.8554

Details

The Hex color **172218** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **221721**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **424E43**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **142215**, and if you desaturate by 10%, it is **1A221B**.

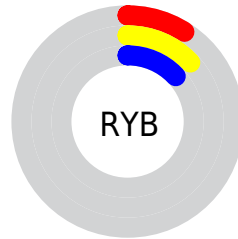
Distribution



Red (9%)

Green (13%)

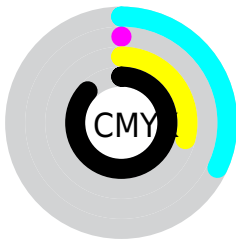
Blue (9%)



Red (9%)

Yellow (13%)

Blue (13%)

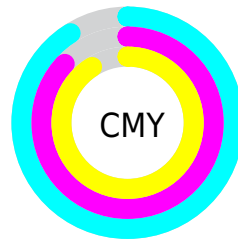


Cyan (32%)

Magenta (0%)

Yellow (29%)

Black (87%)



Cyan (91%)

Magenta (87%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 172218 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 172218 by changing the saturation by 10% instead.

■ 172218

■ 172218

■ F9FFFA

■ 000C00

■ 424E43

■ 000000

■ 59665A

■ 727F73

■ 8B998C

■ A6B4A7

■ C1D0C2

■ DDECDE

■ 172218

■ 172218

■ 142215

■ 1A221B

■ 102212

■ 1E221E

■ 0D220F

■ 212221

■ 09220C

■ 252224

■ 062209

■ 282227

■ 032205

■ 2B222B

■ 002203

■ 2F222E

■ 322231

■ 362234

Harmonies

Analogous

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



1E2114



172218



10231E

Triad

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



172218



16202C



2C1B1A

Complementary

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



172218



221721

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.



2B1B21



172218



1F1E2B

Square

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



172218



0E2229



261C27



2A1C15

Rectangle

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



172218



0D2322



261C27



2C1B1C

Sweetspot

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



172218



272B27



212217



141714



969696



171717

Same Dimension

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



172218



1A2B1C



17221D



101210



005207



00D113

Inverse Universe

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



221721



2B1A2A



22171C



121012



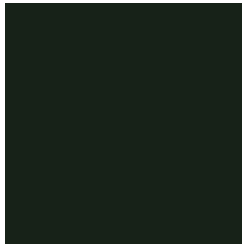
52004A



D100BE

Previews

White Background



This preview shows how the Hex color 172218 looks on a white background.

Color Contrast Check

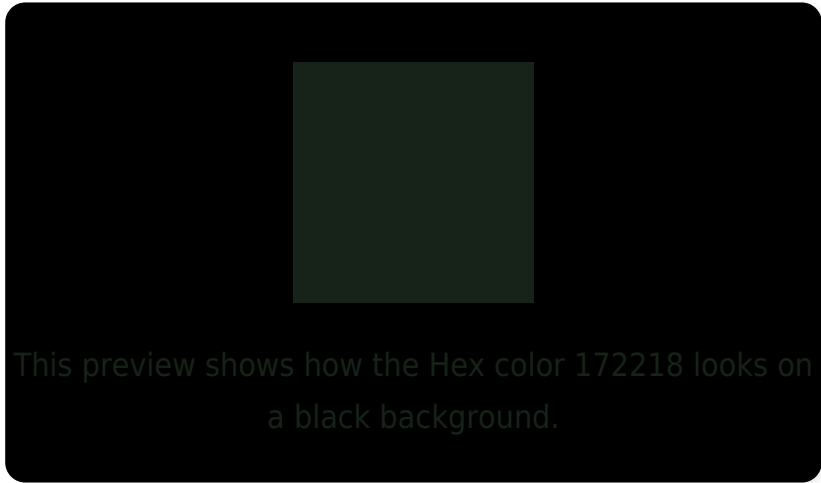
Large Text (above 18pt) WCAG AA ✓ Pass

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

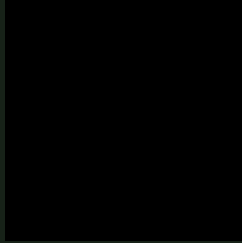
Any Text WCAG AA × Fail

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 172218 Background



This preview shows how black text looks on a background with the Hex color 172218.

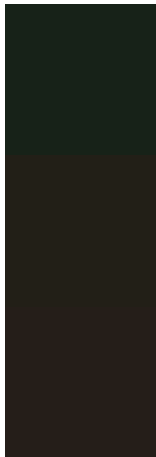


This preview shows how white text looks on a background with the Hex color 172218.

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
172218

Protanopia
221F17

Deuteranopia
251E19



Tritanopia
192123

Trichromacy



Original Color

172218

Protanomaly

1E2017

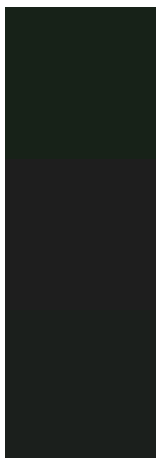
Deuteranomaly

201F19

Tritanomaly

18211F

Monochromacy



Original Color

172218

Achromatopsia

1E1E1E

Achromatomaly

1B1F1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 172218 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 #172218 looks like.

```
.text, #text, p{  
    color:#172218  
}
```

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 #172218 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172218
}
```

Border

The CSS property to change the border of an element to Hex 172218 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
#172218 }
```

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

```
.border{ border-color:#172218 }
```

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

Here you see how a box with a 4 pixel #172218 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172218; -webkit-box-shadow:4px 4px  
4px 4px #172218; box-shadow:4px 4px 4px  
4px #172218 }
```

Background

The CSS property to change the background color of an element to Hex 172218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172218 }
```

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

```
.background{ background-color:#172218 }
```

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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