

Converting Colors

Hex(172706)

Have a look what the booklet for
Hex(172706) contains.

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Color

Hex(172706)

Conversions

Conversions Part 1

Format	Color
Hex	172706
RGB	23, 39, 6
RGB Percent	9%, 15%, 2%
CMY	0.9098, 0.8471, 0.9765
CMYK	0.41, 0.00, 0.85, 0.85
HSL	89°, 73%, 9%
HSV	89°, 85%, 15%
XYZ	1.1117, 1.6463, 0.4315
YIQ	30.4540, 1.0570, -13.6550

Conversions

Conversions Part 2

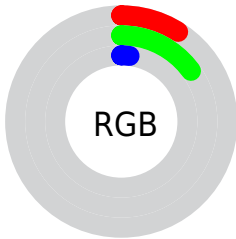
Format	Color
RYB	6, 39, 22
Decimal	1517318
CIELab	13.51, -13.70, 17.12
CIELCh	14, 21.926, 128.663
Yxy	1.6463, 0.3486, 0.5162
Android (android.graphics.Color)	4279707398 (0xFF172706)
YUV	30.4540, -12.0558, -6.5372
Hunter-Lab	12.8310, -6.9881, 6.9879

Details

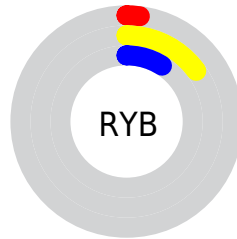
The Hex color **172706** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **160627**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **425433**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **152702**, and if you desaturate by 10%, it is **19270A**.

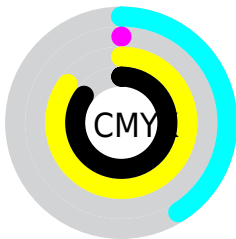
Distribution



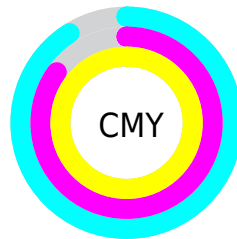
- Red (9%)
- Green (15%)
- Blue (2%)



- Red (2%)
- Yellow (15%)
- Blue (9%)



- Cyan (41%)
- Magenta (0%)
- Yellow (85%)
- Black (85%)




- Cyan (91%)
- Magenta (85%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 172706 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 172706 by changing the saturation by 10% instead.

 172706

 172706

 FBFFE7

 001400

 425433

 000000

 5A6C4A

 738662


 8DA07B

 A7BB95

 C3D7B0

 DFF3CB

 172706

 172706

■ 152702

■ 19270A

■ 142700

■ 1B270E

■ 1D2712

■ 1F2716

■ 20271A

■ 22271D

■ 242721

■ 262725

■ 282729

Harmonies

Analogous

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



282300



172706



002917

Triad

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



172706



00273F



3E141F

Complementary

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



172706



160627

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.



38172E



172706



0C2341

Square

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



172706



002935



291D3B



3C1810

Rectangle

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



172706



002A21



291D3B



3D1424

Sweetspot

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



172706



2D3326



271606



161A12



999999



1A1A1A

Same Dimension

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



172706



1A3300



072706



131412



2B5400



6DD400

Inverse Universe

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



160627



190033



260627



131214



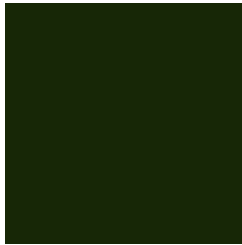
290054



6700D4

Previews

White Background



This preview shows how the Hex color 172706 looks on a white background.

Color Contrast Check

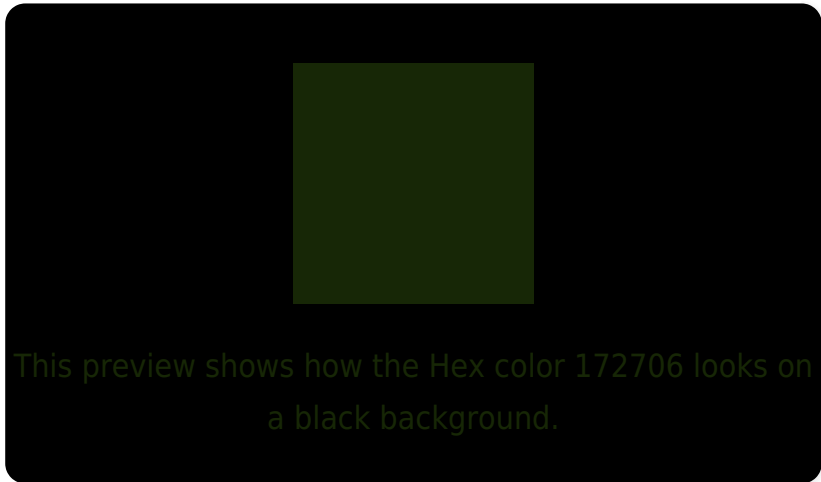
Large Text (above 18pt) WCAG AA ✓ Pass

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

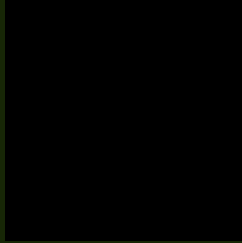
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

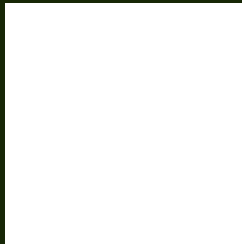
Any Text WCAG AAA × Fail

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

Hex 172706 Background



This preview shows how black text looks on a background with the Hex color 172706.



This preview shows how white text looks on a background with the Hex color 172706.

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
172706

Protanopia
272305

Deuteranopia
2C210A



Tritanopia
1B2427

Trichromacy



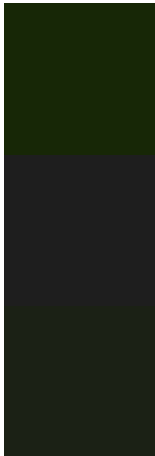
Original Color
172706

Protanomaly
212405

Deuteranomaly
242309

Tritanomaly
1A251B

Monochromacy



Original Color
172706

Achromatopsia
1E1E1E

Achromatomaly
1B2115

CSS Examples

Text

The CSS property to change the color of the text to Hex 172706 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 #172706 looks like.

```
.text, #text, p{  
    color:#172706  
}
```

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 #172706 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172706
}
```

Border

The CSS property to change the border of an element to Hex 172706 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
#172706 }
```

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

```
.border{ border-color:#172706 }
```

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

Here you see how a box with a 4 pixel #172706 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172706; -webkit-box-shadow:4px 4px  
4px 4px #172706; box-shadow:4px 4px 4px  
4px #172706 }
```

Background

The CSS property to change the background color of an element to Hex 172706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172706 }
```

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

```
.background{ background-color:#172706 }
```

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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