

Converting Colors

Hex(172A11)

Have a look what the booklet for
Hex(172A11) contains.

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Color

Hex(172A11)

Conversions

Conversions Part 1

Format	Color
Hex	172A11
RGB	23, 42, 17
RGB Percent	9%, 16%, 7%
CMY	0.9098, 0.8353, 0.9333
CMYK	0.45, 0.00, 0.60, 0.84
HSL	106°, 42%, 12%
HSV	106°, 60%, 16%
XYZ	1.2825, 1.8786, 0.8253
YIQ	33.4690, -3.2990, -11.8030

Conversions

Conversions Part 2

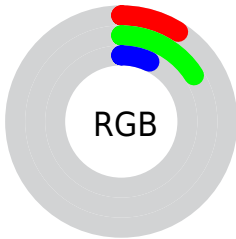
Format	Color
R_{YB}	17, 42, 36
Decimal	1518097
CIE Lab	14.84, -13.88, 13.78
CIE LCh	15, 19.556, 135.219
Yxy	1.8786, 0.3217, 0.4712
Android (android.graphics.Color)	4279708177 (0xFF172A11)
YUV	33.4690, -8.1192, -9.1813
Hunter-Lab	13.7060, -7.2831, 6.0241

Details

The Hex color **172A11** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **24112A**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **43583C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **142A0D**, and if you desaturate by 10%, it is **1A2A15**.

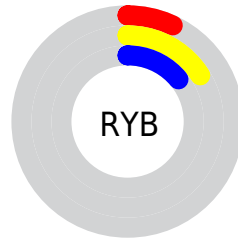
Distribution



Red (9%)

Green (16%)

Blue (7%)



Red (7%)

Yellow (16%)

Blue (14%)

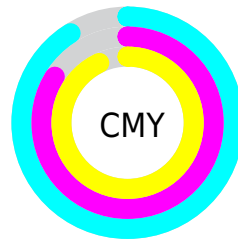


Cyan (45%)

Magenta (0%)

Yellow (60%)

Black (84%)



Cyan (91%)

Magenta (84%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 172A11 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 172A11 by changing the saturation by 10% instead.

 172A11

 172A11

 FCFFF2

 001700

 43583C

 000000

 5B7053

 74896B

 8DA484

 A8BF9E

 C3DBB9

 DFF7D5

 172A11

 172A11

■ 142A0D

■ 1A2A15

■ 112A09

■ 1D2A19

■ 0D2A04

■ 212A1E

■ 0A2A00

■ 242A22

■ 272A26

■ 2A2A2A

■ 2D2A2E

■ 312A33

■ 342A37

Harmonies

Analogous

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



272707



172A11



002C1E

Triad

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



172A11



002940



3F1A1F

Complementary

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



172A11



24112A

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.



3B1A2D



172A11



1A2440

Square

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



172A11



002B39



2F1F39



3C1D12

Rectangle

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



172A11



002C27



2F1F39



3F1923

Sweetspot

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



172A11



2E362C



2A2411



171C16



9C9C9C



1C1C1C

Same Dimension

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



172A11



193610



112A17



131412



145400



33D400

Inverse Universe

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



24112A



2C1036



2A1124



141214



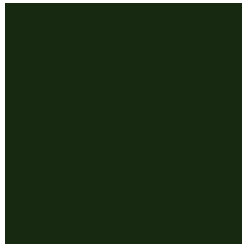
400054



A100D4

Previews

White Background



This preview shows how the Hex color 172A11 looks on a white background.

Color Contrast Check

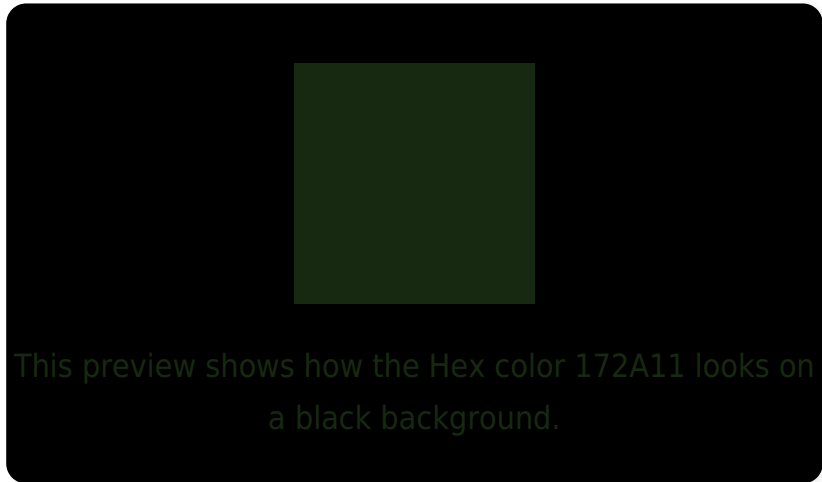
Large Text (above 18pt) WCAG AA ✓ Pass

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

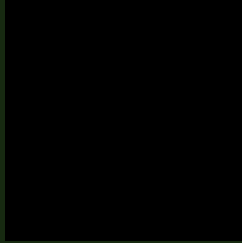
Any Text WCAG AA × Fail

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 172A11 Background



This preview shows how black text looks on a background with the Hex color 172A11.



This preview shows how white text looks on a background with the Hex color 172A11.

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
172A11

Protanopia
2A2510

Deuteranopia
2E2413



Tritanopia
1C272B

Trichromacy



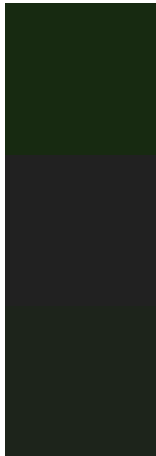
Original Color
172A11

Protanomaly
232710

Deuteranomaly
262612

Tritanomaly
1A2822

Monochromacy



Original Color
172A11

Achromatopsia
212121

Achromatomaly
1D241B

CSS Examples

Text

The CSS property to change the color of the text to Hex 172A11 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 #172A11 looks like.

```
.text, #text, p{  
    color:#172A11  
}
```

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 #172A11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172A11
}
```

Border

The CSS property to change the border of an element to Hex 172A11 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
#172A11 }
```

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

```
.border{ border-color:#172A11 }
```

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

Here you see how a box with a 4 pixel #172A11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172A11; -webkit-box-shadow:4px 4px  
4px 4px #172A11; box-shadow:4px 4px 4px  
4px #172A11 }
```

Background

The CSS property to change the background color of an element to Hex 172A11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172A11 }
```

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

```
.background{ background-color:#172A11 }
```

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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