

Converting Colors

Hex(132C00)

Have a look what the booklet for
Hex(132C00) contains.

Hex(132C00)	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(132C00)

Conversions

Conversions Part 1

Format	Color
Hex	132C00
RGB	19, 44, 0
RGB Percent	7%, 17%, 0%
CMY	0.9255, 0.8275, 1.0000
CMYK	0.57, 0.00, 1.00, 0.83
HSL	94°, 100%, 9%
HSV	94°, 100%, 17%
XYZ	1.1692, 1.9398, 0.3128
YIQ	31.5090, -0.7760, -18.9840

Conversions

Conversions Part 2

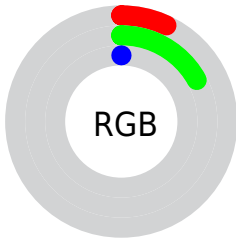
Format	Color
RYB	0, 44, 25
Decimal	1256448
CIELab	15.17, -18.92, 21.68
CIELCh	15, 28.775, 131.118
Yxy	1.9398, 0.3417, 0.5669
Android (android.graphics.Color)	4279446528 (0xFF132C00)
YUV	31.5090, -15.5339, -10.9704
Hunter-Lab	13.9277, -9.3883, 8.4178

Details

The Hex color **132C00** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **19002C**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **3F5A2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **132C00**, and if you desaturate by 10%, it is **162C04**.

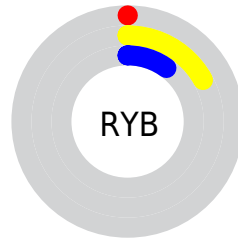
Distribution



Red (7%)

Green (17%)

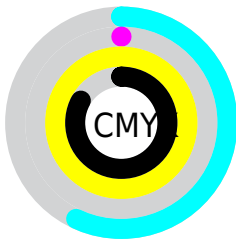
Blue (0%)



Red (0%)

Yellow (17%)

Blue (10%)

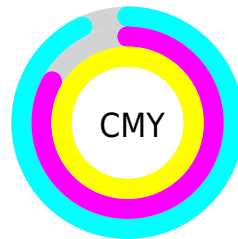


Cyan (57%)

Magenta (0%)

Yellow (100%)

Black (83%)



Cyan (93%)

Magenta (83%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 132C00 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 132C00 by changing the saturation by 10% instead.

 132C00

 132C00

 F9FFE3

 001900

 3F5A2F

 000000

 577346

 708C5E

 8AA777

 A5C291

 C0DEAB

 DCFBC7

 132C00

■ 162C04

■ 182C09

■ 1B2C0D

■ 1D2C12

■ 202C16

■ 222C1A

■ 252C1F

■ 272C23

■ 2A2C28

Harmonies

Analogous

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



2A2700



132C00



002E18

Triad

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



132C00



002C4C



4A101F

Complementary

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



132C00



19002C

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.



441334



132C00



01264E

Square

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



132C00



002F40



301D45



46170A

Rectangle

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



132C00



002F26



301D45



491026

Sweetspot

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



132C00



2F3827



2C1900



161C12



9C9C9C



1C1C1C

Same Dimension

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



132C00



183800



002C03



161715



255700



5CD600

Inverse Universe

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



19002C



200038



2C0029



161517



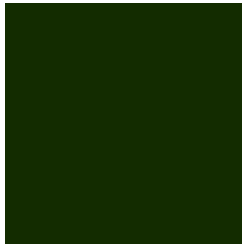
310057



7A00D6

Previews

White Background



This preview shows how the Hex color 132C00 looks on a white background.

Color Contrast Check

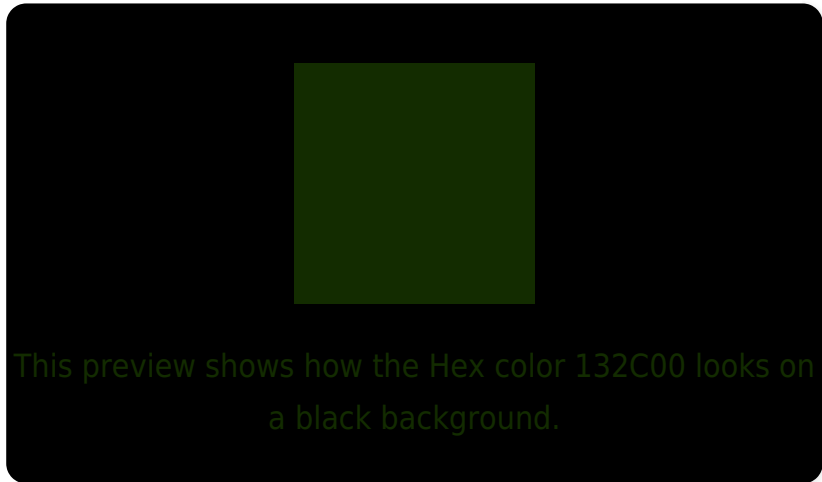
Large Text (above 18pt) WCAG AA ✓ Pass

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

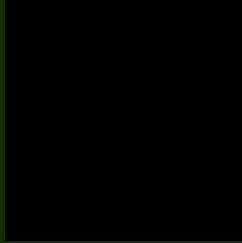
Any Text WCAG AA × Fail

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 132C00 Background



This preview shows how black text looks on a background with the Hex color 132C00.



This preview shows how white text looks on a background with the Hex color 132C00.

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
132C00

Protanopia
2B2700

Deuteranopia
302409



Tritanopia
1A292C

Trichromacy



Original Color

132C00

Protanomaly

222900

Deuteranomaly

252706

Tritanomaly

172A1C

Monochromacy



Original Color

132C00

Achromatopsia

202020

Achromatomaly

1B2414

CSS Examples

Text

The CSS property to change the color of the text to Hex 132C00 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 #132C00 looks like.

```
.text, #text, p{  
    color:#132C00  
}
```

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 #132C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #132C00
}
```

Border

The CSS property to change the border of an element to Hex 132C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

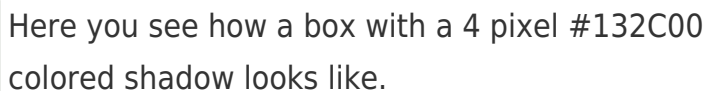
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#132C00 }
```

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

```
.border{ border-color:#132C00 }
```

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



Here you see how a box with a 4 pixel #132C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #132C00; -webkit-box-shadow:4px 4px  
4px 4px #132C00; box-shadow:4px 4px 4px  
4px #132C00 }
```

Background

The CSS property to change the background color of an element to Hex 132C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#132C00 }
```

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

```
.background{ background-color:#132C00 }
```

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