

Converting Colors

Hex(133C00)

Have a look what the booklet for
Hex(133C00) contains.

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Color

Hex(133C00)

Conversions

Conversions Part 1

Format	Color
Hex	133C00
RGB	19, 60, 0
RGB Percent	7%, 24%, 0%
CMY	0.9255, 0.7647, 1.0000
CMYK	0.68, 0.00, 1.00, 0.76
HSL	101°, 100%, 12%
HSV	101°, 100%, 24%
XYZ	1.8844, 3.3702, 0.5512
YIQ	40.9010, -5.1760, -27.3520

Conversions

Conversions Part 2

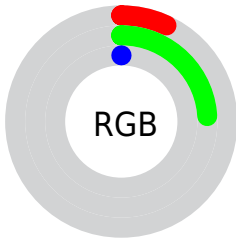
Format	Color
RYB	0, 60, 41
Decimal	1260544
CIELab	21.47, -26.18, 29.13
CIELCh	21, 39.166, 131.944
Yxy	3.3702, 0.3246, 0.5805
Android (android.graphics.Color)	4279450624 (0xFF133C00)
YUV	40.9010, -20.1642, -19.2072
Hunter-Lab	18.3580, -13.8038, 11.0705

Details

The Hex color **133C00** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **29003C**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **446C30**, and **000A00** is the 20% darker color. If you saturate the color by 10%, you get **133C00**, and if you desaturate by 10%, it is **173C06**.

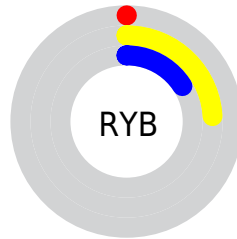
Distribution



Red (7%)

Green (24%)

Blue (0%)



Red (0%)

Yellow (24%)

Blue (16%)

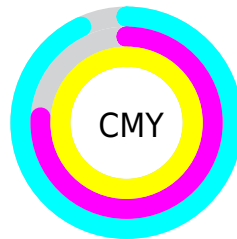


Cyan (68%)

Magenta (0%)

Yellow (100%)

Black (76%)



Cyan (93%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 133C00 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 133C00 by changing the saturation by 10% instead.

 133C00

 133C00

 FFFFE5

 002600

 446C30

 000A00

 5D8547

 000000

 77A05F

 91BB79

 ACD793

 C8F3AE

 E4FFC9

 133C00

■ 173C06

■ 1B3C0C

■ 1F3C12

■ 233C18

■ 273C1E

■ 2C3C24

■ 303C2A

■ 343C30

■ 383C36

Harmonies

Analogous

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



363600



133C00



003F20

Triad

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



133C00



003C6B



661129

Complementary

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



133C00



29003C

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.



5E1646



133C00



00336D

Square

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



133C00



003F5A



42265F



5F1D0D

Rectangle

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



133C00



004035



42265F



651033

Sweetspot

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



133C00



3F4F37



3C2900



1F291A



A8A8A8



292929

Same Dimension

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



133C00



194F00



003C0B



1D1F1C



1E5E00



46DE00

Inverse Universe

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



29003C



36004F



3C0031



1E1C1F



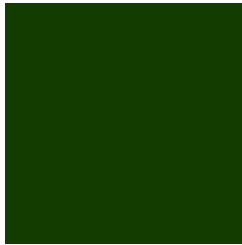
40005E



9800DE

Previews

White Background



This preview shows how the Hex color 133C00 looks on a white background.

Color Contrast Check

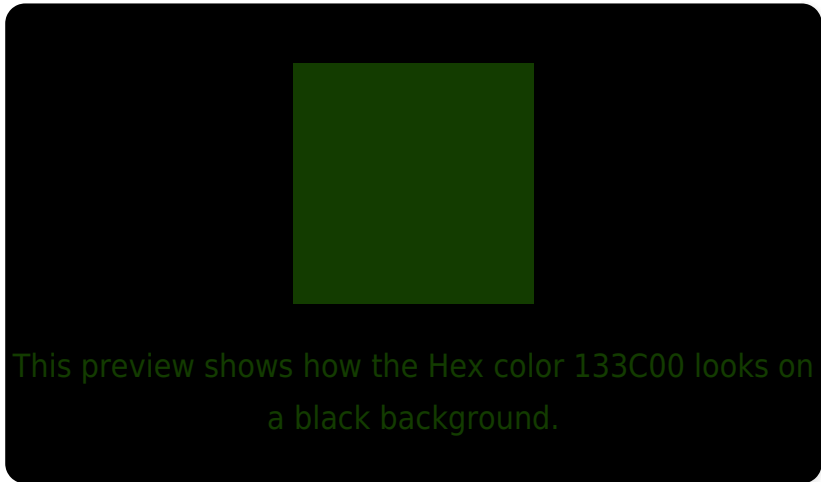
Large Text (above 18pt) WCAG AA ✓ Pass

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

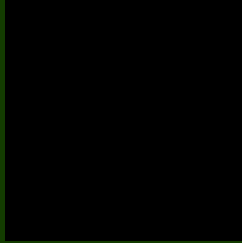
Any Text WCAG AA × Fail

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 133C00 Background



This preview shows how black text looks on a background with the Hex color 133C00.



This preview shows how white text looks on a background with the Hex color 133C00.

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](#).

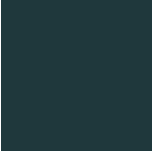
Dichromacy



Original Color
133C00

Protanopia
3A3400

Deuteranopia
41310D



Tritanopia
1F383C

Trichromacy



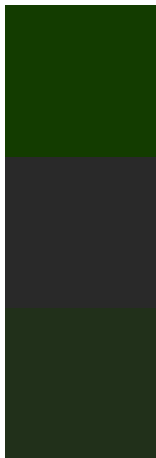
Original Color
133C00

Protanomaly
2C3700

Deuteranomaly
303508

Tritanomaly
1B3926

Monochromacy



Original Color
133C00

Achromatopsia
292929

Achromatomaly
21301A

CSS Examples

Text

The CSS property to change the color of the text to Hex 133C00 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 #133C00 looks like.

```
.text, #text, p{  
    color:#133C00  
}
```

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 #133C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #133C00
}
```

Border

The CSS property to change the border of an element to Hex 133C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

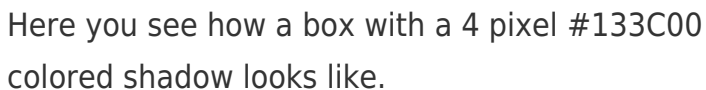
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#133C00 }
```

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

```
.border{ border-color:#133C00 }
```

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



Here you see how a box with a 4 pixel #133C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #133C00; -webkit-box-shadow:4px 4px  
4px 4px #133C00; box-shadow:4px 4px 4px  
4px #133C00 }
```

Background

The CSS property to change the background color of an element to Hex 133C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#133C00 }
```

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

```
.background{ background-color:#133C00 }
```

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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