

Converting Colors

Hex(133F00)

Have a look what the booklet for
Hex(133F00) contains.

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Color

Hex(133F00)

Conversions

Conversions Part 1

Format	Color
Hex	133F00
RGB	19, 63, 0
RGB Percent	7%, 25%, 0%
CMY	0.9255, 0.7529, 1.0000
CMYK	0.70, 0.00, 1.00, 0.75
HSL	102°, 100%, 12%
HSV	102°, 100%, 25%
XYZ	2.0461, 3.6935, 0.6051
YIQ	42.6620, -6.0010, -28.9210

Conversions

Conversions Part 2

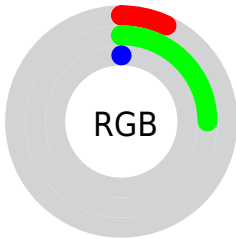
Format	Color
RYB	0, 63, 44
Decimal	1261312
CIELab	22.63, -27.42, 30.36
CIELCh	23, 40.914, 132.086
Yxy	3.6935, 0.3225, 0.5821
Android (android.graphics.Color)	4279451392 (0xFF133F00)
YUV	42.6620, -21.0324, -20.7516
Hunter-Lab	19.2184, -14.6283, 11.5862

Details

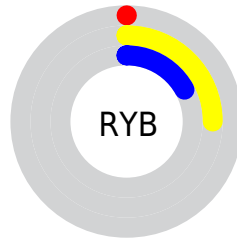
The Hex color **133F00** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2C003F**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **456F30**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **133F00**, and if you desaturate by 10%, it is **173F06**.

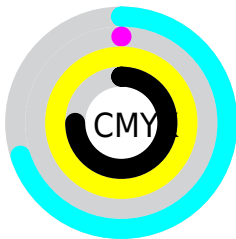
Distribution



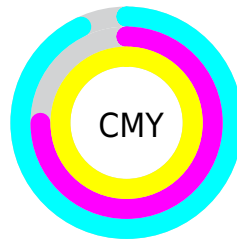
- Red (7%)
- Green (25%)
- Blue (0%)



- Red (0%)
- Yellow (25%)
- Blue (17%)



- Cyan (70%)
- Magenta (0%)
- Yellow (100%)
- Black (75%)



- Cyan (93%)
- Magenta (75%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 133F00 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 133F00 by changing the saturation by 10% instead.

 133F00

 133F00

 FFFFE6

 002900

 456F30

 001100

 5E8947

 000000

 78A360

 92BF79

 ADDB93

 C9F7AE

 E6FFCA

 133F00

■ 173F06

■ 1C3F0D

■ 203F13

■ 253F19

■ 293F20

■ 2D3F26

■ 323F2C

■ 363F32

■ 3B3F39

Harmonies

Analogous

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



393900



133F00



004222

Triad

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



133F00



003F70



6B112B

Complementary

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



133F00



2C003F

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.



62164A



133F00



003672

Square

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



133F00



00435E



462764



641F0E

Rectangle

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



133F00



004337



462764



6A1035

Sweetspot

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



133F00



415239



3F2B00



1F291A



A8A8A8



292929

Same Dimension

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



133F00



195200



003F0C



1C1F1C



1C5E00



43DE00

Inverse Universe

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



2C003F



390052



3F0033



1E1C1F



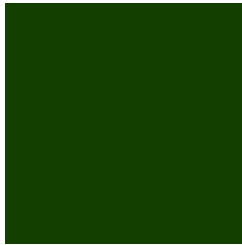
42005E



9B00DE

Previews

White Background



This preview shows how the Hex color 133F00 looks on a white background.

Color Contrast Check

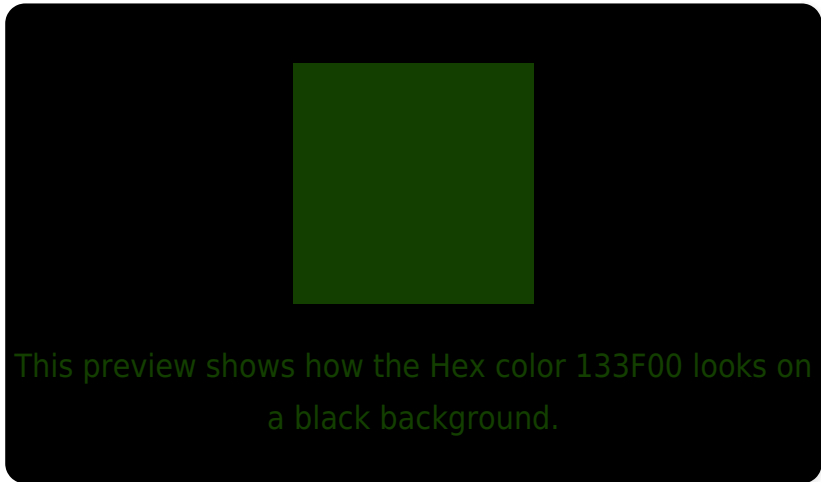
Large Text (above 18pt) WCAG AA ✓ Pass

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

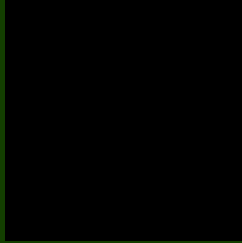
Any Text WCAG AA × Fail

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 133F00 Background



This preview shows how black text looks on a background with the Hex color 133F00.



This preview shows how white text looks on a background with the Hex color 133F00.

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
133F00

Protanopia
3D3600

Deuteranopia
44340D



Tritanopia
203B3F

Trichromacy



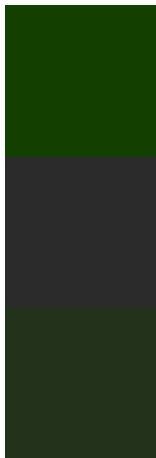
Original Color
133F00

Protanomaly
2E3900

Deuteranomaly
323808

Tritanomaly
1B3C28

Monochromacy



Original Color
133F00

Achromatopsia
2B2B2B

Achromatomaly
22321B

CSS Examples

Text

The CSS property to change the color of the text to Hex 133F00 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 #133F00 looks like.

```
.text, #text, p{  
    color:#133F00  
}
```

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 #133F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #133F00
}
```

Border

The CSS property to change the border of an element to Hex 133F00 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
#133F00 }
```

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

```
.border{ border-color:#133F00 }
```

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

Here you see how a box with a 4 pixel #133F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #133F00; -webkit-box-shadow:4px 4px  
4px 4px #133F00; box-shadow:4px 4px 4px  
4px #133F00 }
```

Background

The CSS property to change the background color of an element to Hex 133F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#133F00 }
```

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

```
.background{ background-color:#133F00 }
```

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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