

Converting Colors

Hex(123F00)

Have a look what the booklet for
Hex(123F00) contains.

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Color

Hex(123F00)

Conversions

Conversions Part 1

Format	Color
Hex	123F00
RGB	18, 63, 0
RGB Percent	7%, 25%, 0%
CMY	0.9294, 0.7529, 1.0000
CMYK	0.71, 0.00, 1.00, 0.75
HSL	103°, 100%, 12%
HSV	103°, 100%, 25%
XYZ	2.0270, 3.6836, 0.6042
YIQ	42.3630, -6.5970, -29.1330

Conversions

Conversions Part 2

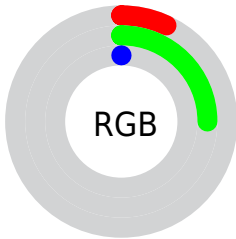
Format	Color
RYB	0, 63, 45
Decimal	1195776
CIELab	22.60, -27.71, 30.32
CIELCh	23, 41.072, 132.425
Yxy	3.6836, 0.3210, 0.5833
Android (android.graphics.Color)	4279385856 (0xFF123F00)
YUV	42.3630, -20.8850, -21.3664
Hunter-Lab	19.1927, -14.7358, 11.5685

Details

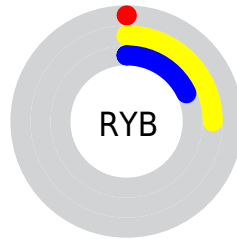
The Hex color **123F00** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2D003F**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **446F30**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **123F00**, and if you desaturate by 10%, it is **173F06**.

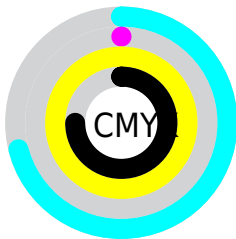
Distribution



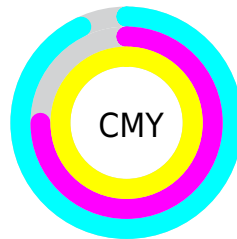
- Red (7%)
- Green (25%)
- Blue (0%)



- Red (0%)
- Yellow (25%)
- Blue (18%)



- Cyan (71%)
- Magenta (0%)
- Yellow (100%)
- Black (75%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 123F00 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 123F00 by changing the saturation by 10% instead.

 123F00

 123F00

 FFFFE6

 002900

 446F30

 001100

 5D8947

 000000

 77A360

 92BF79

 ADDB93

 C9F7AE

 E5FFCA

 123F00

■ 173F06

■ 1B3F0D

■ 203F13

■ 243F19

■ 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.



383900



123F00



004222

Triad

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



123F00



003E71



6B102B

Complementary

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



123F00



2D003F

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.



631649



123F00



003672

Square

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



123F00



00425F



462764



641F0D

Rectangle

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



123F00



004338



462764



6A0F35

Sweetspot

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



123F00



405239



3F2C00



1E291A



A8A8A8



292929

Same Dimension

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



123F00



175200



003F0D



1C1F1C



1B5E00



3FDE00

Inverse Universe

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



2D003F



3A0052



3F0032



1E1C1F



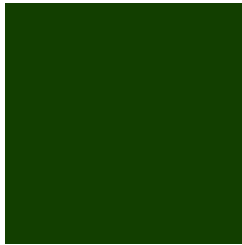
43005E



9E00DE

Previews

White Background



This preview shows how the Hex color 123F00 looks on a white background.

Color Contrast Check

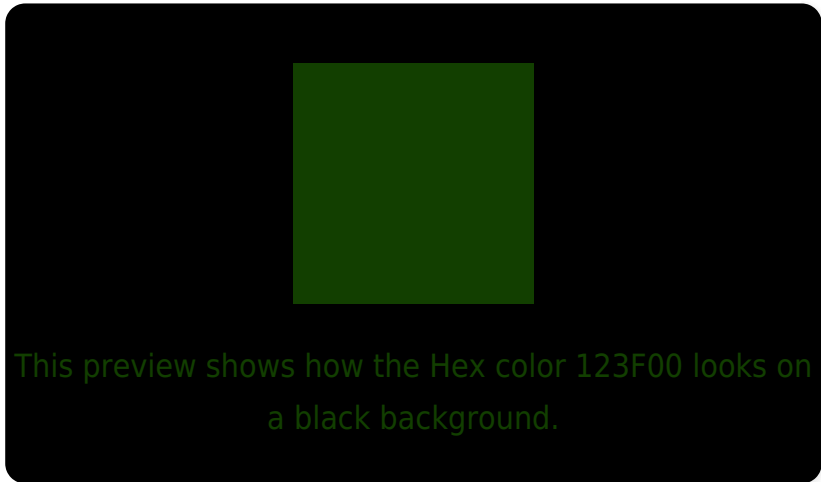
Large Text (above 18pt) WCAG AA ✓ Pass

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

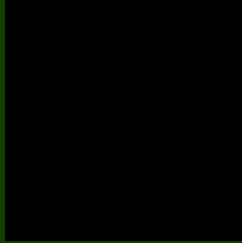
Any Text WCAG AA × Fail

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 123F00 Background



This preview shows how black text looks on a background with the Hex color 123F00.



This preview shows how white text looks on a background with the Hex color 123F00.

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
123F00

Protanopia
3D3600

Deuteranopia
44340D



Tritanopia
1F3B3F

Trichromacy



Original Color
123F00

Protanomaly
2D3900

Deuteranomaly
323808

Tritanomaly
1A3C28

Monochromacy



Original Color
123F00

Achromatopsia
2A2A2A

Achromatomaly
21321B

CSS Examples

Text

The CSS property to change the color of the text to Hex 123F00 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 #123F00 looks like.

```
.text, #text, p{  
    color:#123F00  
}
```

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 #123F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #123F00
}
```

Border

The CSS property to change the border of an element to Hex 123F00 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".

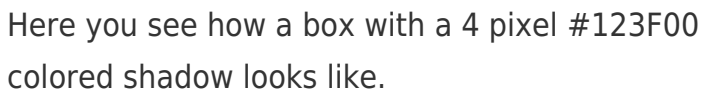
```
.border, #border, table{ border:4px solid
#123F00 }
```

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

```
.border{ border-color:#123F00 }
```

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

Here you see how a box with a 4 pixel #123F00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #123F00; -webkit-box-shadow:4px 4px  
4px 4px #123F00; box-shadow:4px 4px 4px  
4px #123F00 }
```

Background

The CSS property to change the background color of an element to Hex 123F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#123F00 }
```

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

```
.background{ background-color:#123F00 }
```

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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