

Converting Colors

Hex(133E12)

Have a look what the booklet for
Hex(133E12) contains.

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Color

Hex(133E12)

Conversions

Conversions Part 1

Format	Color
Hex	133E12
RGB	19, 62, 18
RGB Percent	7%, 24%, 7%
CMY	0.9255, 0.7569, 0.9294
CMYK	0.69, 0.00, 0.71, 0.76
HSL	119°, 55%, 16%
HSV	119°, 71%, 24%
XYZ	2.1004, 3.6274, 1.1617
YIQ	44.1270, -11.5040, -22.8000

Conversions

Conversions Part 2

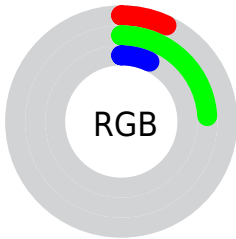
Format	Color
RYB	18, 62, 61
Decimal	1261074
CIELab	22.40, -25.20, 22.18
CIELCh	22, 33.571, 138.656
Yxy	3.6274, 0.3049, 0.5265
Android (android.graphics.Color)	4279451154 (0xFF133E12)
YUV	44.1270, -12.8806, -22.0364
Hunter-Lab	19.0457, -13.6448, 9.7155

Details

The Hex color **133E12** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3D123E**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **446E3E**, and **001000** is the 20% darker color. If you saturate the color by 10%, you get **0D3E0C**, and if you desaturate by 10%, it is **193E18**.

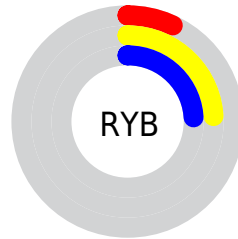
Distribution



Red (7%)

Green (24%)

Blue (7%)



Red (7%)

Yellow (24%)

Blue (24%)

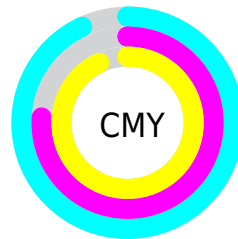


Cyan (69%)

Magenta (0%)

Yellow (71%)

Black (76%)



Cyan (93%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 133E12 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 133E12 by changing the saturation by 10% instead.

 133E12

 133E12

 FFFFF6

 002800

 446E3E

 001000

 5D8856

 000000

 76A26F

 90BD88

 ABD9A3

 C7F6BE

 E3FFDA

 133E12

 133E12

■ 0D3E0C

■ 193E18

■ 073E06

■ 1F3E1E

■ 013E00

■ 253E25

■ 2B3E2B

■ 313E31

■ 373E37

■ 3D3E3D

■ 433E44

■ 4A3E4A

Harmonies

Analogous

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



333900



133E12



00412B

Triad

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



133E12



003B67



621D27

Complementary

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



133E12



3D123E

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.



5D1E40



133E12



213365

Square

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



133E12



00405B



4A2857



5A2610

Rectangle

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



133E12



00413C



4A2857



621C2F

Sweetspot

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



133E12



415240



3E3D12



1F291F



A8A8A8



292929

Same Dimension

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



133E12



0E520C



123E27



1C1F1C



025E00



05DE00

Inverse Universe

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



3D123E



500C52



3E1229



1F1C1F



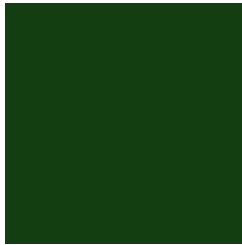
5C005E



D900DE

Previews

White Background



This preview shows how the Hex color 133E12 looks on a white background.

Color Contrast Check

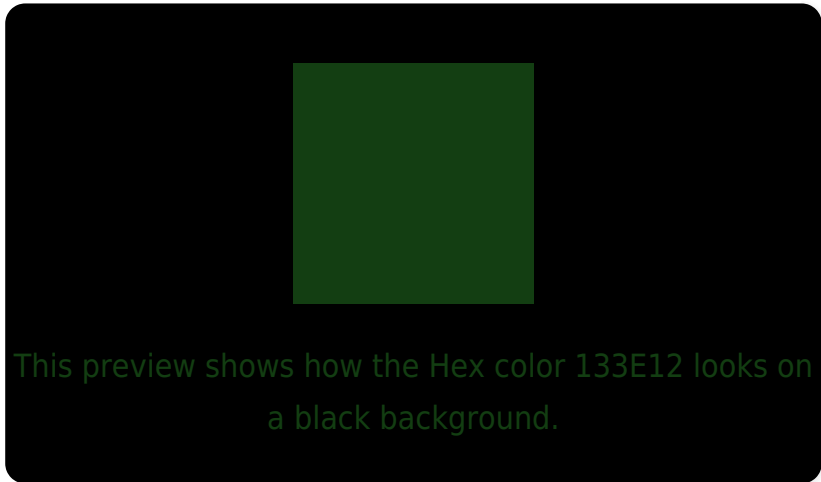
Large Text (above 18pt) WCAG AA ✓ Pass

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

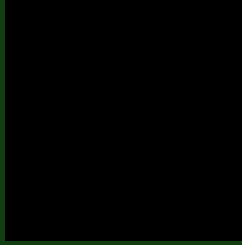
Any Text WCAG AA × Fail

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 133E12 Background



This preview shows how black text looks on a background with the Hex color 133E12.



This preview shows how white text looks on a background with the Hex color 133E12.

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
133E12

Protanopia
3C3610

Deuteranopia
433316



Tritanopia
1F3A3F

Trichromacy



Original Color
133E12

Protanomaly
2D3911

Deuteranomaly
323715

Tritanomaly
1B3B2F

Monochromacy



Original Color
133E12

Achromatopsia
2C2C2C

Achromatomaly
233323

CSS Examples

Text

The CSS property to change the color of the text to Hex 133E12 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 #133E12 looks like.

```
.text, #text, p{  
    color:#133E12  
}
```

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 #133E12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #133E12  
}
```

Border

The CSS property to change the border of an element to Hex 133E12 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  
#133E12 }
```

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

```
.border{ border-color:#133E12 }
```

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

Here you see how a box with a 4 pixel #133E12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #133E12; -webkit-box-shadow:4px 4px  
4px 4px #133E12; box-shadow:4px 4px 4px  
4px #133E12 }
```

Background

The CSS property to change the background color of an element to Hex 133E12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#133E12 }
```

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

```
.background{ background-color:#133E12 }
```

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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