

# Converting Colors

Hex(143D12)

Have a look what the booklet for  
Hex(143D12) contains.

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# Color

**Hex(143D12)**

# Conversions

## Conversions Part 1

Format	Color
Hex	143D12
RGB	20, 61, 18
RGB Percent	8%, 24%, 7%
CMY	0.9216, 0.7608, 0.9294
CMYK	0.67, 0.00, 0.70, 0.76
HSL	117°, 54%, 15%
HSV	117°, 70%, 24%
XYZ	2.0664, 3.5299, 1.1447
YIQ	43.8390, -10.6330, -22.0650

# Conversions

## Conversions Part 2

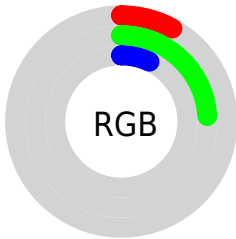
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 61, 59
Decimal	1326354
CIE <sub>Lab</sub>	22.05, -24.47, 21.79
CIE <sub>LCh</sub>	22, 32.766, 138.308
Yxy	3.5299, 0.3065, 0.5236
Android (android.graphics.Color)	4279516434 (0xFF143D12)
YUV	43.8390, -12.7386, -20.9068
Hunter-Lab	18.7880, -13.2465, 9.5392

# Details

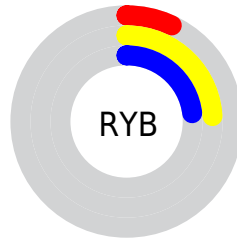
The Hex color **143D12** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3B123D**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **446D3E**, and **000E00** is the 20% darker color. If you saturate the color by 10%, you get **0E3D0C**, and if you desaturate by 10%, it is **1A3D18**.

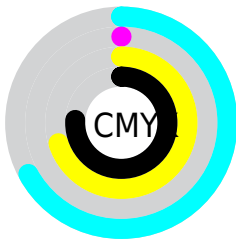
# Distribution



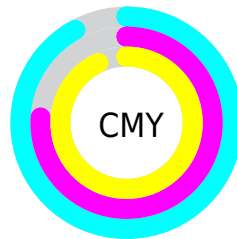
- Red (8%)
- Green (24%)
- Blue (7%)



- Red (7%)
- Yellow (24%)
- Blue (23%)



- Cyan (67%)
- Magenta (0%)
- Yellow (70%)
- Black (76%)



- Cyan (92%)
- Magenta (76%)
- Yellow (93%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 143D12 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 143D12 by changing the saturation by 10% instead.



 143D12

 143D12

 FFFFF6

 002700

 446D3E

 000E00

 5D8756

 000000

 76A16E

 91BC88

 ACD8A2

 C7F4BE

 E4FFD9

 143D12

 143D12

■ 0E3D0C

■ 1A3D18

■ 083D06

■ 203D1E

■ 033D00

■ 253D24

■ 2B3D2A

■ 313D31

■ 373D37

■ 3D3D3D

■ 433D43

■ 483D49

# Harmonies

## Analogous

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



333800



143D12



003F2A

# Triad

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



143D12



003A64



601D27

# Complementary

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



143D12



3B123D

# 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.



5C1E3F



143D12



213263

# Square

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



143D12



003F59



482755



592611

# Rectangle

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



143D12



00403B



482755



601C2F



# Sweetspot

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



143D12



3F4F3E



3D3B12



1F291F



A8A8A8



292929



# Same Dimension

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



143D12



0F4F0C



123D25



1C1F1C



045E00



0ADE00



# Inverse Universe

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



3B123D



4C0C4F



3D122A



1E1C1F



5A005E

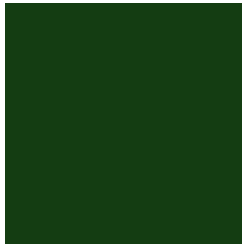


D400DE



# Previews

## White Background



This preview shows how the Hex color 143D12 looks on a white background.

## Color Contrast Check

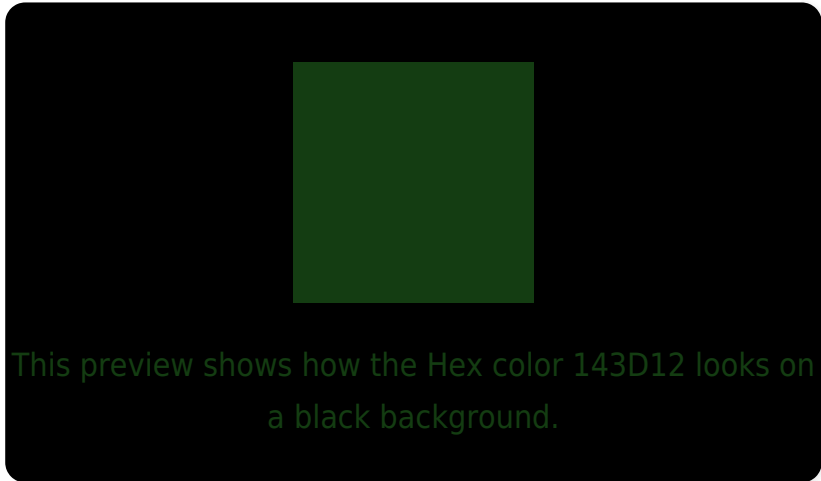
Large Text (above 18pt) WCAG AA ✓ Pass

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

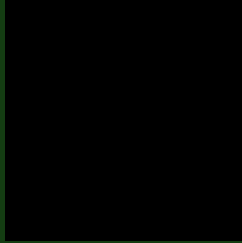
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 143D12 Background



This preview shows how black text looks on a background with the Hex color 143D12.



This preview shows how white text looks on a background with the Hex color 143D12.

# 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](#).

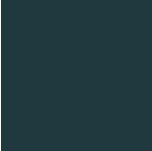
## Dichromacy



**Original Color**  
143D12

**Protanopia**  
3B3510

**Deuteranopia**  
423216



**Tritanopia**  
1F393E

# Trichromacy



**Original Color**  
143D12

**Protanomaly**  
2D3811

**Deuteranomaly**  
313615

**Tritanomaly**  
1B3A2E

# Monochromacy



**Original Color**  
143D12

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
233223

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 143D12 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 #143D12 looks like.

```
.text, #text, p{  
    color:#143D12  
}
```

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 #143D12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #143D12
}
```

## Border

The CSS property to change the border of an element to Hex 143D12 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".

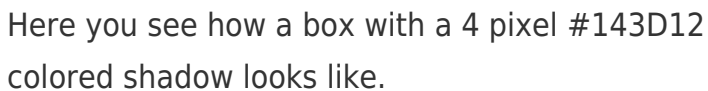
```
.border, #border, table{ border:4px solid
#143D12 }
```

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

```
.border{ border-color:#143D12 }
```

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

Here you see how a box with a 4 pixel #143D12 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #143D12; -webkit-box-shadow:4px 4px  
4px 4px #143D12; box-shadow:4px 4px 4px  
4px #143D12 }
```

# Background

The CSS property to change the background color of an element to Hex 143D12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#143D12 }
```

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

```
.background{ background-color:#143D12 }
```

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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