

Converting Colors

Hex(123D2D)

Have a look what the booklet for
Hex(123D2D) contains.

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Color

Hex(123D2D)

Conversions

Conversions Part 1

Format	Color
Hex	123D2D
RGB	18, 61, 45
RGB Percent	7%, 24%, 18%
CMY	0.9294, 0.7608, 0.8235
CMYK	0.70, 0.00, 0.26, 0.76
HSL	158°, 54%, 15%
HSV	158°, 70%, 24%
XYZ	2.3919, 3.6555, 3.0622
YIQ	46.3190, -20.4920, -14.0920

Conversions

Conversions Part 2

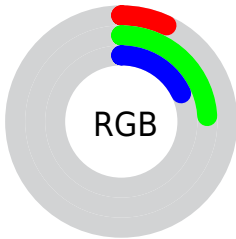
Format	Color
RYB	18, 44, 61
Decimal	1195309
CIELab	22.50, -19.42, 5.56
CIELCh	22, 20.199, 164.035
Yxy	3.6555, 0.2626, 0.4013
Android (android.graphics.Color)	4279385389 (0xFF123D2D)
YUV	46.3190, -0.6503, -24.8358
Hunter-Lab	19.1195, -11.1287, 3.8878

Details

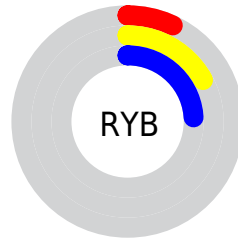
The Hex color **123D2D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D1222**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **426D5B**, and **001000** is the 20% darker color. If you saturate the color by 10%, you get **0C3D2B**, and if you desaturate by 10%, it is **183D2F**.

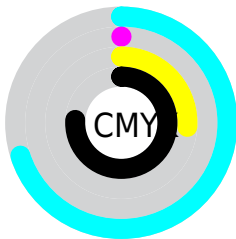
Distribution



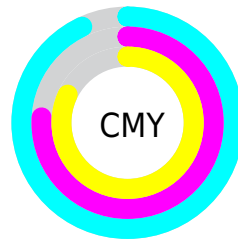
- Red (7%)
- Green (24%)
- Blue (18%)



- Red (7%)
- Yellow (17%)
- Blue (24%)



- Cyan (70%)
- Magenta (0%)
- Yellow (26%)
- Black (76%)



- Cyan (93%)
- Magenta (76%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 123D2D 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 123D2D by changing the saturation by 10% instead.

■ 123D2D

■ 123D2D

FEFFFF

■ 002718

■ 426D5B

■ 001000

■ 5B8673

■ 000000

■ 74A18D

■ 8EBCA7

■ A9D8C2

■ C5F4DE

■ E1FFFB

■ 123D2D

■ 123D2D

■ 0C3D2B

■ 183D2F

■ 063D28

■ 1E3D32

■ 003D26

■ 243D34

■ 2A3D36

■ 313D38

■ 373D3B

■ 3D3D3D

■ 433D3F

■ 493D41

Harmonies

Analogous

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



273B20



123D2D



003E3D

Triad

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



123D2D



2A3553



4F2D22

Complementary

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



123D2D



3D1222

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.



522A2F



123D2D



402F4B

Square

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



123D2D



093A52



4E2B3E



463219

Rectangle

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



123D2D



003D46



4E2B3E



512B26

Sweetspot

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



123D2D



3E4F49



223D12



1F2925



A8A8A8



292929

Same Dimension

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



123D2D



0C4F36



12383D



1C1F1D



005E3B



00DE8B

Inverse Universe

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



3D1222



4F0C25



3D1712



1F1C1D



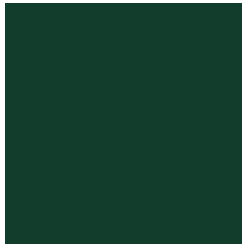
5E0023



DE0053

Previews

White Background



This preview shows how the Hex color 123D2D looks on a white background.

Color Contrast Check

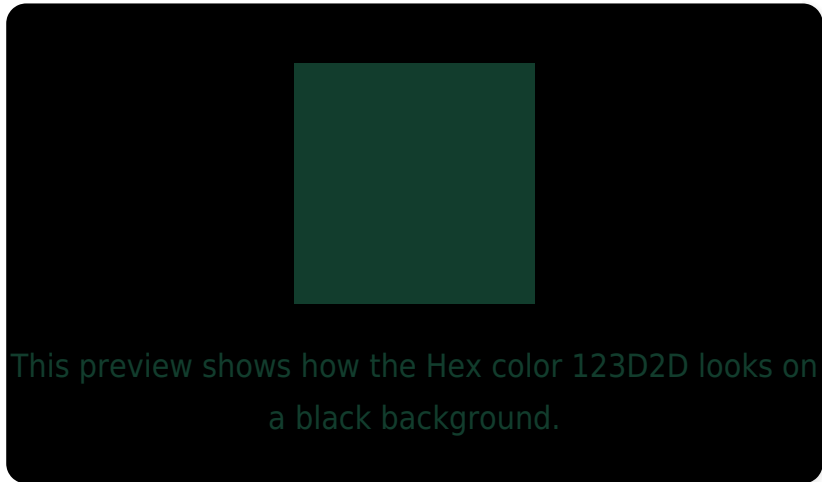
Large Text (above 18pt) WCAG AA ✓ Pass

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

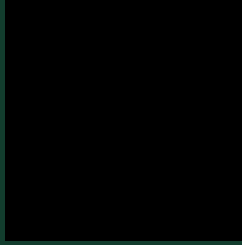
Any Text WCAG AA × Fail

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 123D2D Background



This preview shows how black text looks on a background with the Hex color 123D2D.



This preview shows how white text looks on a background with the Hex color 123D2D.

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
123D2D

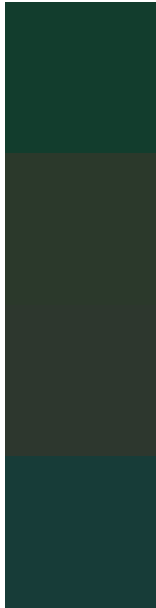
Protanopia
39362A

Deuteranopia
3D342F



Tritanopia
1A3B3F

Trichromacy



Original Color
123D2D

Protanomaly
2B392B

Deuteranomaly
2D372E

Tritanomaly
173C38

Monochromacy



Original Color
123D2D

Achromatopsia
2E2E2E

Achromatomaly
24332E

CSS Examples

Text

The CSS property to change the color of the text to Hex 123D2D 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 #123D2D looks like.

```
.text, #text, p{  
    color:#123D2D  
}
```

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 #123D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #123D2D }  
}
```

Border

The CSS property to change the border of an element to Hex 123D2D 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".

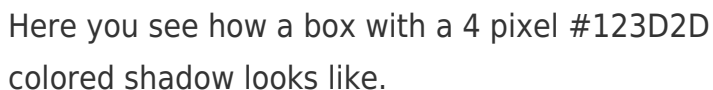
```
.border, #border, table{ border:4px solid #123D2D }  
}
```

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

```
.border{ border-color:#123D2D }
```

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

Here you see how a box with a 4 pixel #123D2D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #123D2D; -webkit-box-shadow:4px 4px  
4px 4px #123D2D; box-shadow:4px 4px 4px  
4px #123D2D }
```

Background

The CSS property to change the background color of an element to Hex 123D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#123D2D }
```

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

```
.background{ background-color:#123D2D }
```

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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