

Converting Colors

Hex(123315)

Have a look what the booklet for
Hex(123315) contains.

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Color

Hex(123315)

Conversions

Conversions Part 1

Format	Color
Hex	123315
RGB	18, 51, 21
RGB Percent	7%, 20%, 8%
CMY	0.9294, 0.8000, 0.9176
CMYK	0.65, 0.00, 0.59, 0.80
HSL	125°, 48%, 14%
HSV	125°, 65%, 20%
XYZ	1.5686, 2.5504, 1.1191
YIQ	37.7130, -10.0380, -16.3260

Conversions

Conversions Part 2

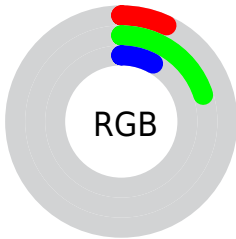
Format	Color
R_{YB}	18, 48, 51
Decimal	1192725
CIE _{Lab}	18.14, -19.88, 15.39
CIE _{LCh}	18, 25.136, 142.255
Yxy	2.5504, 0.2995, 0.4869
Android (android.graphics.Color)	4279382805 (0xFF123315)
YUV	37.7130, -8.2395, -17.2883
Hunter-Lab	15.9700, -10.4144, 7.0243

Details

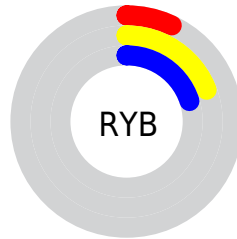
The Hex color **123315** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **331230**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **406240**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D3310**, and if you desaturate by 10%, it is **17331A**.

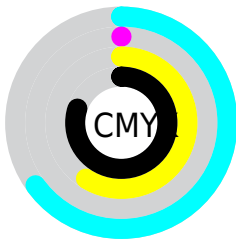
Distribution



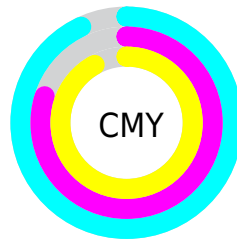
- Red (7%)
- Green (20%)
- Blue (8%)



- Red (7%)
- Yellow (19%)
- Blue (20%)



- Cyan (65%)
- Magenta (0%)
- Yellow (59%)
- Black (80%)



- Cyan (93%)
- Magenta (80%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 123315 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 123315 by changing the saturation by 10% instead.

 123315

 123315


 FAFFF8

 001E00

 406240

 000000

 587B58

 719570

 8BB08A

 A6CBA4

 C1E7BF

 DDFFD8

 123315

 123315

■ 0D3310

■ 17331A

■ 08330C

■ 1C331E

■ 033307

■ 213323

■ 003305

■ 263328

■ 2C332C

■ 313331

■ 363335

■ 3B333A

■ 40333F

Harmonies

Analogous

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



292F06



123315



003527

Triad

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



123315



003050



4D1D20

Complementary

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



123315



331230

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.



4B1C32



123315



24294E

Square

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



123315



003449



3E2243



472310

Rectangle

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



123315



003533



3E2243



4E1C26

Sweetspot

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



123315



364237



303312



1A211A



A1A1A1



212121

Same Dimension

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



123315



0F4213



123325



171A17



005908



00D914

Inverse Universe

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



331230



420F3E



331220



1A1719



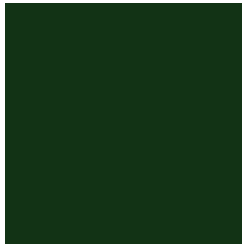
590051



D900C5

Previews

White Background



This preview shows how the Hex color 123315 looks on a white background.

Color Contrast Check

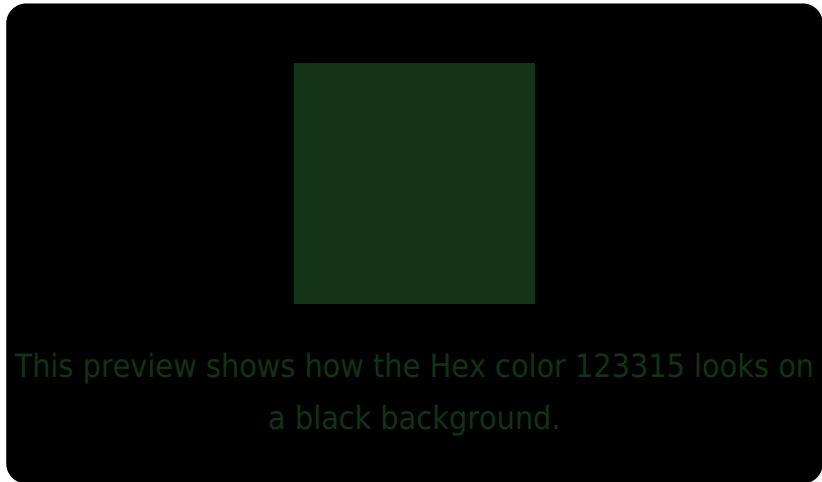
Large Text (above 18pt) WCAG AA ✓ Pass

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

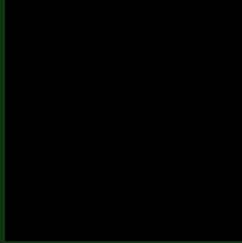
Any Text WCAG AA × Fail

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 123315 Background



This preview shows how black text looks on a background with the Hex color 123315.



This preview shows how white text looks on a background with the Hex color 123315.

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](#).

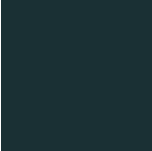
Dichromacy



Original Color
123315

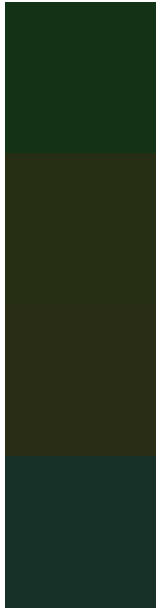
Protanopia
312D13

Deuteranopia
362A17



Tritanopia
1A3034

Trichromacy



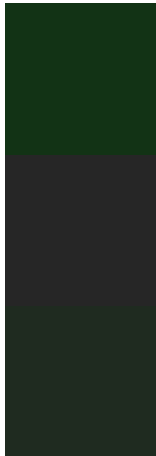
Original Color
123315

Protanomaly
262F14

Deuteranomaly
292D16

Tritanomaly
173129

Monochromacy



Original Color
123315

Achromatopsia
262626

Achromatomaly
1F2B20

CSS Examples

Text

The CSS property to change the color of the text to Hex 123315 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 #123315 looks like.

```
.text, #text, p{  
    color:#123315  
}
```

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 #123315 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #123315
}
```

Border

The CSS property to change the border of an element to Hex 123315 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
#123315 }
```

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

```
.border{ border-color:#123315 }
```

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

Here you see how a box with a 4 pixel #123315 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #123315; -webkit-box-shadow:4px 4px  
4px 4px #123315; box-shadow:4px 4px 4px  
4px #123315 }
```

Background

The CSS property to change the background color of an element to Hex 123315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#123315 }
```

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

```
.background{ background-color:#123315 }
```

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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