

Converting Colors

Hex(125B12)

Have a look what the booklet for
Hex(125B12) contains.

Hex(125B12)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(125B12)

Conversions

Conversions Part 1

Format	Color
Hex	125B12
RGB	18, 91, 18
RGB Percent	7%, 36%, 7%
CMY	0.9294, 0.6431, 0.9294
CMYK	0.80, 0.00, 0.80, 0.64
HSL	120°, 67%, 21%
HSV	120°, 80%, 36%
XYZ	4.0997, 7.6544, 1.8336
YIQ	60.8510, -20.0750, -38.1790

Conversions

Conversions Part 2

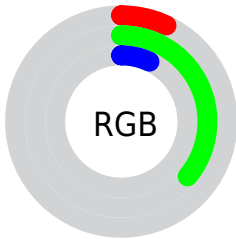
Format	Color
RYB	18, 91, 91
Decimal	1202962
CIELab	33.25, -36.94, 33.65
CIELCh	33, 49.975, 137.669
Yxy	7.6544, 0.3017, 0.5633
Android (android.graphics.Color)	4279393042 (0xFF125B12)
YUV	60.8510, -21.1255, -37.5803
Hunter-Lab	27.6667, -21.9660, 15.4371

Details

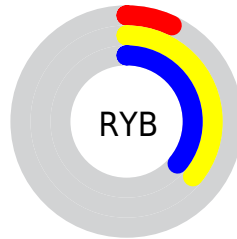
The Hex color **125B12** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5B125B**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **4B8E42**, and **002C00** is the 20% darker color. If you saturate the color by 10%, you get **095B09**, and if you desaturate by 10%, it is **1B5B1B**.

Distribution



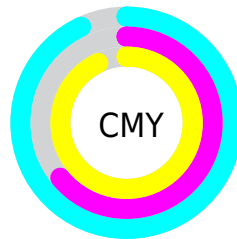
- Red (7%)
- Green (36%)
- Blue (7%)



- Red (7%)
- Yellow (36%)
- Blue (36%)



- Cyan (80%)
- Magenta (0%)
- Yellow (80%)
- Black (64%)



- Cyan (93%)
- Magenta (64%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 125B12 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 125B12 by changing the saturation by 10% instead.

 125B12

 125B12

FFFFFFE

 004300

 4B8E42

 002C00

 66A95B

 001400

 81C474

 000000

 9CE18E

 B8FDA9

 D4FFC5

 F1FFE1

 125B12

 125B12

■ 095B09

■ 1B5B1B

■ 005B00

■ 245B24

■ 2D5B2D

■ 365B36

■ 405B40

■ 495B49

■ 525B52

■ 5B5B5B

■ 645B64

Harmonies

Analogous

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



4A5300



125B12



005F3C

Triad

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



125B12



00589C



932239

Complementary

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



125B12



5B125B

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.



8C2460



125B12



204B9A

Square

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



125B12



005E88



6C3884



873413

Rectangle

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



125B12



006058



6C3884



931F46

Sweetspot

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



125B12



597559



5B5B12



2A3B2A



BABABA



3B3B3B

Same Dimension

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



125B12



057505



125B37



292E29



006E00



00ED00

Inverse Universe

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



5B125B



750575



5B1237



2E292E



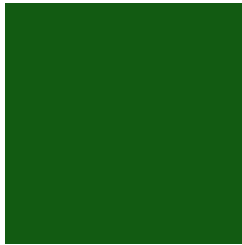
6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 125B12 looks on a white background.

Color Contrast Check

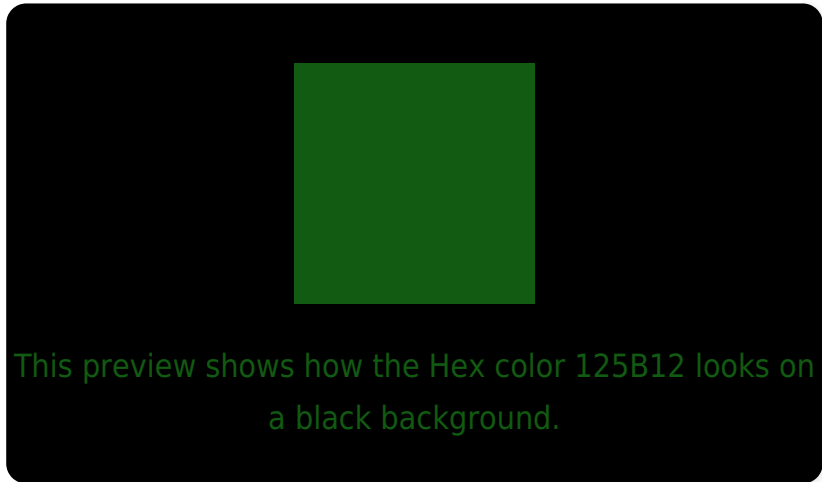
Large Text (above 18pt) WCAG AA ✓ Pass

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

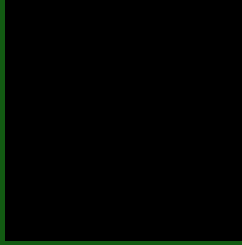
Any Text WCAG AA × Fail

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 125B12 Background



This preview shows how black text looks on a background with the Hex color 125B12.



This preview shows how white text looks on a background with the Hex color 125B12.

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](#).

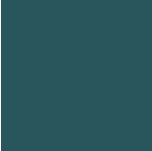
Dichromacy



Original Color
125B12

Protanopia
584E0F

Deuteranopia
624A1A



Tritanopia
29555C

Trichromacy



Original Color

125B12

Protanomaly

3F5310

Deuteranomaly

455017

Tritanomaly

215741

Monochromacy



Original Color

125B12

Achromatopsia

3D3D3D

Achromatomaly

2D482D

CSS Examples

Text

The CSS property to change the color of the text to Hex 125B12 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 #125B12 looks like.

```
.text, #text, p{  
    color:#125B12  
}
```

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 #125B12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #125B12
}
```

Border

The CSS property to change the border of an element to Hex 125B12 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
#125B12 }
```

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

```
.border{ border-color:#125B12 }
```

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

Here you see how a box with a 4 pixel #125B12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #125B12; -webkit-box-shadow:4px 4px  
4px 4px #125B12; box-shadow:4px 4px 4px  
4px #125B12 }
```

Background

The CSS property to change the background color of an element to Hex 125B12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#125B12 }
```

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

```
.background{ background-color:#125B12 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor