

Converting Colors

Hex(125A2D)

Have a look what the booklet for
Hex(125A2D) contains.

Hex(125A2D)	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(125A2D)

Conversions

Conversions Part 1

Format	Color
Hex	125A2D
RGB	18, 90, 45
RGB Percent	7%, 35%, 18%
CMY	0.9294, 0.6471, 0.8235
CMYK	0.80, 0.00, 0.50, 0.65
HSL	142°, 67%, 21%
HSV	142°, 80%, 35%
XYZ	4.3793, 7.6304, 3.7246
YIQ	63.3420, -28.4670, -29.2590

Conversions

Conversions Part 2

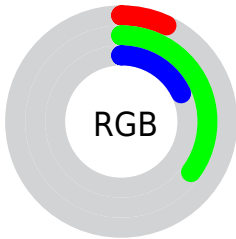
Format	Color
RYB	18, 70, 90
Decimal	1202733
CIELab	33.20, -32.82, 19.91
CIELCh	33, 38.388, 148.766
Yxy	7.6304, 0.2783, 0.4850
Android (android.graphics.Color)	4279392813 (0xFF125A2D)
YUV	63.3420, -9.0426, -39.7649
Hunter-Lab	27.6232, -20.0418, 11.3417

Details

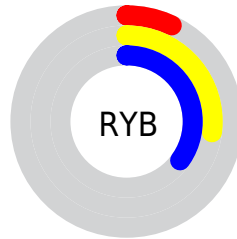
The Hex color **125A2D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5A123F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4A8D5C**, and **002B00** is the 20% darker color. If you saturate the color by 10%, you get **095A27**, and if you desaturate by 10%, it is **1B5A33**.

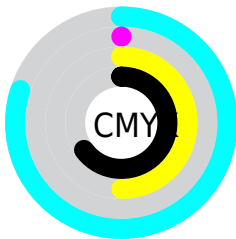
Distribution



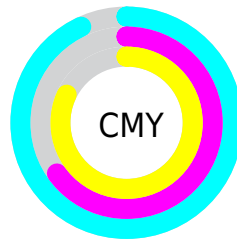
- Red (7%)
- Green (35%)
- Blue (18%)



- Red (7%)
- Yellow (27%)
- Blue (35%)



- Cyan (80%)
- Magenta (0%)
- Yellow (50%)
- Black (65%)



- Cyan (93%)
- Magenta (65%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 125A2D 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 125A2D by changing the saturation by 10% instead.

 125A2D

 125A2D

FFFFFF

 004217

 4A8D5C

 002B00

 64A874

 001300

 7EC38E

 000000

 99DFA9

 B5FCC4

 D1FFE0

 EEEFFD

 125A2D

 125A2D

■ 095A27

■ 1B5A33

■ 005A22

■ 245A38

■ 2D5A3E

■ 365A44

■ 3F5A49

■ 485A4F

■ 515A54

■ 5A5A5A

■ 635A60

Harmonies

Analogous

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



415514



125A2D



005C4C

Triad

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



125A2D



00528B



833533

Complementary

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



125A2D



5A123F

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.



833151



125A2D



4C4784

Square

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



125A2D



005982



71396E



764019

Rectangle

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



125A2D



005D61



71396E



85323C

Sweetspot

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



125A2D



597564



405A12



2A3B30



BABABA



3B3B3B

Same Dimension

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



125A2D



05752F



125A50



292E2B



006E29



00ED59

Inverse Universe

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



5A123F



75054B



5A121C



2E292C



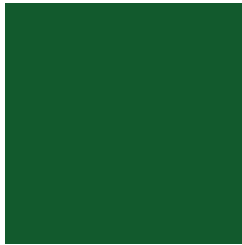
6E0045



ED0094

Previews

White Background



This preview shows how the Hex color 125A2D looks on a white background.

Color Contrast Check

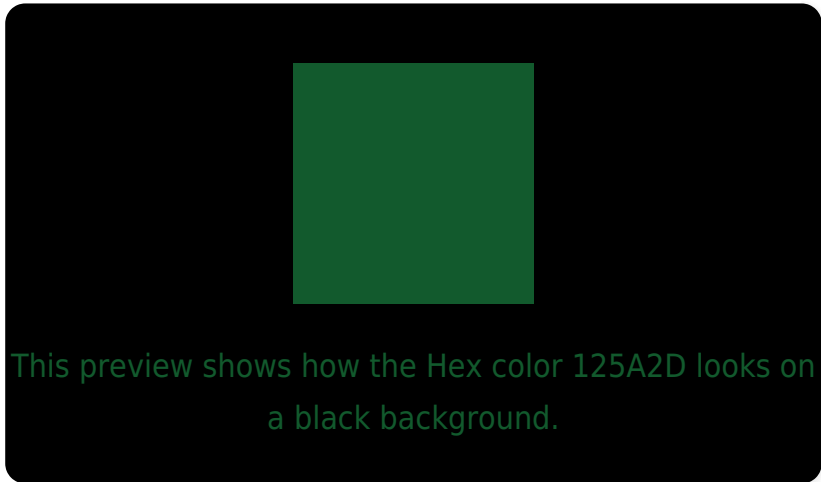
Large Text (above 18pt) WCAG AA ✓ Pass

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

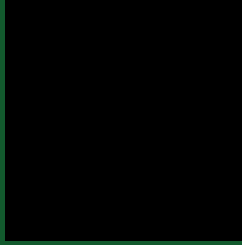
Any Text WCAG AA × Fail

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 125A2D Background



This preview shows how black text looks on a background with the Hex color 125A2D.



This preview shows how white text looks on a background with the Hex color 125A2D.

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](#).

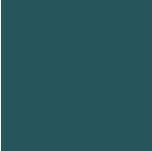
Dichromacy



Original Color
125A2D

Protanopia
564E29

Deuteranopia
5E4A31



Tritanopia
26555C

Trichromacy



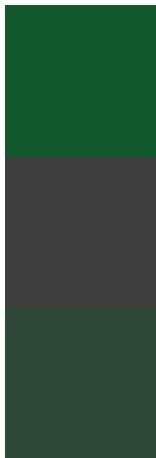
Original Color
125A2D

Protanomaly
3D522A

Deuteranomaly
425030

Tritanomaly
1F574B

Monochromacy



Original Color
125A2D

Achromatopsia
3F3F3F

Achromatomaly
2F4938

CSS Examples

Text

The CSS property to change the color of the text to Hex 125A2D 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 #125A2D looks like.

```
.text, #text, p{  
    color:#125A2D  
}
```

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 #125A2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #125A2D
}
```

Border

The CSS property to change the border of an element to Hex 125A2D 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
#125A2D }
```

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

```
.border{ border-color:#125A2D }
```

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

Here you see how a box with a 4 pixel #125A2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #125A2D; -webkit-box-shadow:4px 4px  
4px 4px #125A2D; box-shadow:4px 4px 4px  
4px #125A2D }
```

Background

The CSS property to change the background color of an element to Hex 125A2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#125A2D }
```

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

```
.background{ background-color:#125A2D }
```

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