

Converting Colors

Hex(125A48)

Have a look what the booklet for
Hex(125A48) contains.

Hex(125A48)	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(125A48)

Conversions

Conversions Part 1

Format	Color
Hex	125A48
RGB	18, 90, 72
RGB Percent	7%, 35%, 28%
CMY	0.9294, 0.6471, 0.7176
CMYK	0.80, 0.00, 0.20, 0.65
HSL	165°, 67%, 21%
HSV	165°, 80%, 35%
XYZ	5.0753, 7.9088, 7.3899
YIQ	66.4200, -37.1340, -20.8620

Conversions

Conversions Part 2

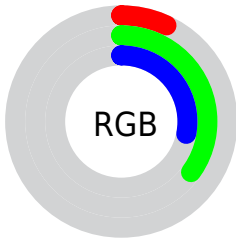
Format	Color
R_{YB}	18, 59, 90
Decimal	1202760
CIE _{Lab}	33.79, -26.34, 4.27
CIE _{LCh}	34, 26.682, 170.797
Yxy	7.9088, 0.2491, 0.3882
Android (android.graphics.Color)	4279392840 (0xFF125A48)
YUV	66.4200, 2.7509, -42.4643
Hunter-Lab	28.1226, -17.0005, 4.1058

Details

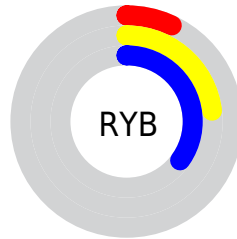
The Hex color **125A48** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5A1224**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **4A8D78**, and **002B1D** is the 20% darker color. If you saturate the color by 10%, you get **095A46**, and if you desaturate by 10%, it is **1B5A4A**.

Distribution



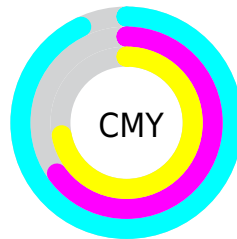
- Red (7%)
- Green (35%)
- Blue (28%)



- Red (7%)
- Yellow (23%)
- Blue (35%)



- Cyan (80%)
- Magenta (0%)
- Yellow (20%)
- Black (65%)



- Cyan (93%)
- Magenta (65%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 125A48 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 125A48 by changing the saturation by 10% instead.

 125A48

 125A48

FFFFFF

 004232

 4A8D78

 002B1D

 64A792

 001603

 7FC3AD

 000000

 9ADFC8

 B6FBE4

 D2FFFF

 EFFFFFF

 125A48

 125A48

■ 095A46

■ 1B5A4A

■ 005A44

■ 245A4D

■ 2D5A4F

■ 365A51

■ 3F5A53

■ 485A56

■ 515A58

■ 5A5A5A

■ 635A5C

Harmonies

Analogous

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



355834



125A48



005A5E

Triad

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



125A48



474C77



71442F

Complementary

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



125A48



5A1224

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.



783F42



125A48



63446A

Square

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



125A48



1D5479



743F57



624C25

Rectangle

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



125A48



00596A



743F57



744235

Sweetspot

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



125A48



59756E



245A12



2A3B36



BABABA



3B3B3B

Same Dimension

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



125A48



057559



12485A



292E2D



006E52



00EDB2

Inverse Universe

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



5A1224



750521



5A2412



2E292A



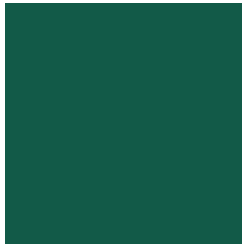
6E001B



ED003B

Previews

White Background



This preview shows how the Hex color 125A48 looks on a white background.

Color Contrast Check

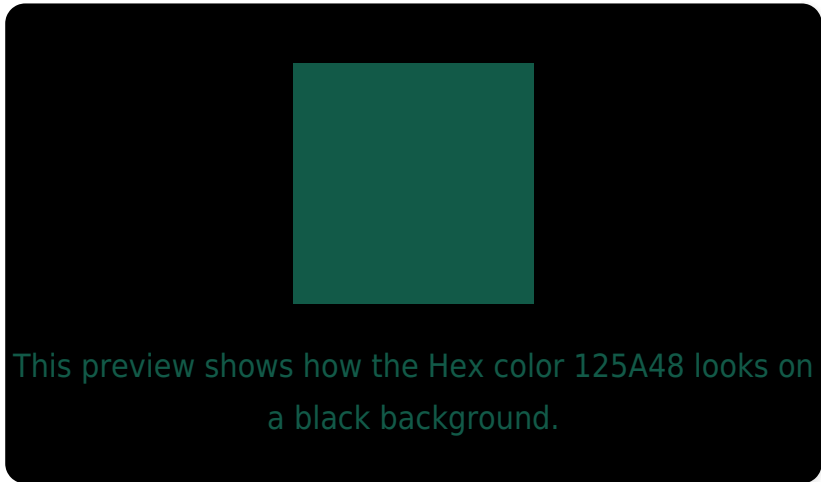
Large Text (above 18pt) WCAG AA ✓ Pass

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

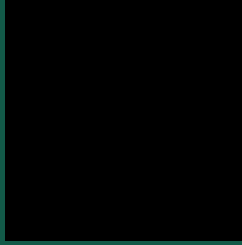
Any Text WCAG AA × Fail

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 125A48 Background



This preview shows how black text looks on a background with the Hex color 125A48.



This preview shows how white text looks on a background with the Hex color 125A48.

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

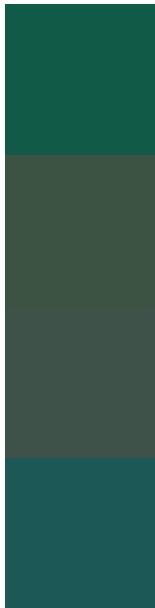


Original Color
125A48

Protanopia
544F42

Deuteranopia
594D4B

Trichromacy



Original Color
125A48

Protanomaly
3C5344

Deuteranomaly
3F524A

Tritanomaly
1B5856

Monochromacy



Original Color
125A48

Achromatopsia
424242

Achromatomaly
314B44

CSS Examples

Text

The CSS property to change the color of the text to Hex 125A48 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 #125A48 looks like.

```
.text, #text, p{  
    color:#125A48  
}
```

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 #125A48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #125A48
}
```

Border

The CSS property to change the border of an element to Hex 125A48 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
#125A48 }
```

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

```
.border{ border-color:#125A48 }
```

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

Here you see how a box with a 4 pixel #125A48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #125A48; -webkit-box-shadow:4px 4px  
4px 4px #125A48; box-shadow:4px 4px 4px  
4px #125A48 }
```

Background

The CSS property to change the background color of an element to Hex 125A48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#125A48 }
```

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

```
.background{ background-color:#125A48 }
```

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