

Converting Colors

Hex(125A4D)

Have a look what the booklet for
Hex(125A4D) contains.

Hex(125A4D)	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(125A4D)

Conversions

Conversions Part 1

Format	Color
Hex	125A4D
RGB	18, 90, 77
RGB Percent	7%, 35%, 30%
CMY	0.9294, 0.6471, 0.6980
CMYK	0.80, 0.00, 0.14, 0.65
HSL	169°, 67%, 21%
HSV	169°, 80%, 35%
XYZ	5.2452, 7.9767, 8.2844
YIQ	66.9900, -38.7390, -19.3070

Conversions

Conversions Part 2

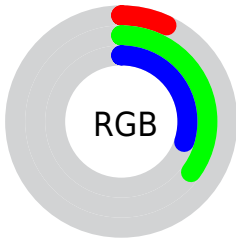
Format	Color
R_{YB}	18, 58, 90
Decimal	1202765
CIE _{Lab}	33.93, -24.87, 1.35
CIE _{LCh}	34, 24.910, 176.903
Yxy	7.9767, 0.2439, 0.3709
Android (android.graphics.Color)	4279392845 (0xFF125A4D)
YUV	66.9900, 4.9349, -42.9642
Hunter-Lab	28.2431, -16.2754, 2.3790

Details

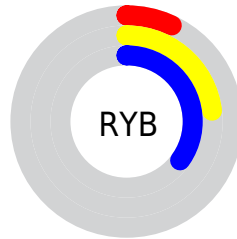
The Hex color **125A4D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5A121F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4A8D7E**, and **002B21** is the 20% darker color. If you saturate the color by 10%, you get **095A4B**, and if you desaturate by 10%, it is **1B5A4F**.

Distribution



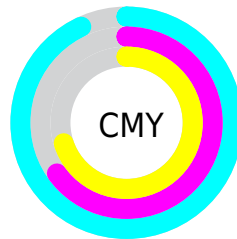
- Red (7%)
- Green (35%)
- Blue (30%)



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



- Cyan (80%)
- Magenta (0%)
- Yellow (14%)
- Black (65%)



- Cyan (93%)
- Magenta (65%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 125A4D 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 125A4D by changing the saturation by 10% instead.

 125A4D

 125A4D

FFFFFF

 004236

 4A8D7E

 002B21

 65A798

 00170A

 7FC3B2

 000000

 9BDFCE

 B6FBEA

 D3FFFF

 F0FFFF

 125A4D

 125A4D

095A4B

1B5A4F

005A4A

245A50

2D5A52

365A54

3F5A55

485A57

515A58

5A5A5A

635A5C

Harmonies

Analogous

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



32583A



125A4D



005A61

Triad

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



125A4D



4F4B73



6D472F

Complementary

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



125A4D



5A121F

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.



75413F



125A4D



674466

Square

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



125A4D



2D5277



744053



5E4E28

Rectangle

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



125A4D



00586C



744053



714534

Sweetspot

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



125A4D



597570



1F5A12



2A3B38



BABABA



3B3B3B

Same Dimension

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



125A4D



057561



12435A



292E2D



006E5A



00EDC2

Inverse Universe

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



5A121F



750519



5A2912



2E292A



6E0014



ED002B

Previews

White Background



This preview shows how the Hex color 125A4D looks on a white background.

Color Contrast Check

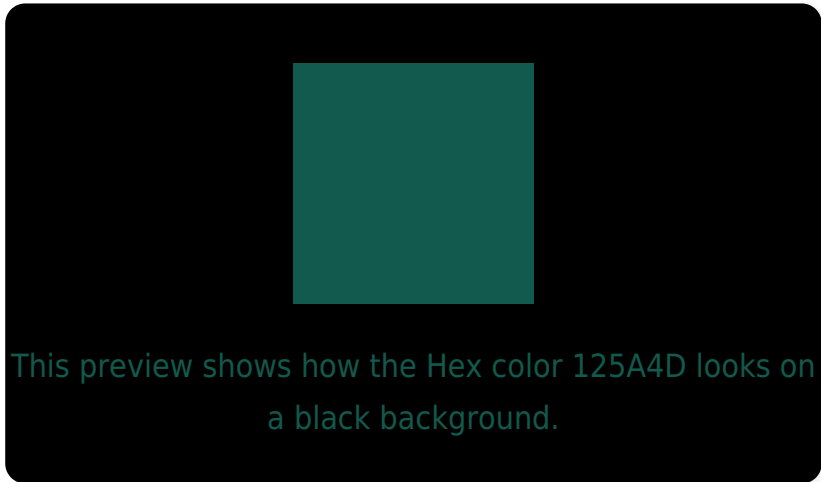
Large Text (above 18pt) WCAG AA ✓ Pass

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

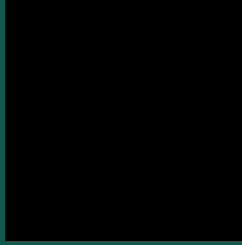
Any Text WCAG AA × Fail

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 125A4D Background



This preview shows how black text looks on a background with the Hex color 125A4D.



This preview shows how white text looks on a background with the Hex color 125A4D.

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
125A4D

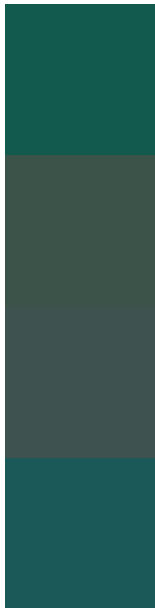
Protanopia
534F47

Deuteranopia
574D50



Tritanopia
1E585F

Trichromacy



Original Color
125A4D

Protanomaly
3B5349

Deuteranomaly
3E524F

Tritanomaly
1A5958

Monochromacy



Original Color
125A4D

Achromatopsia
434343

Achromatomaly
314B47

CSS Examples

Text

The CSS property to change the color of the text to Hex 125A4D 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 #125A4D looks like.

```
.text, #text, p{  
    color:#125A4D  
}
```

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 #125A4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #125A4D
}
```

Border

The CSS property to change the border of an element to Hex 125A4D 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
#125A4D }
```

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

```
.border{ border-color:#125A4D }
```

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

Here you see how a box with a 4 pixel #125A4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #125A4D; -webkit-box-shadow:4px 4px  
4px 4px #125A4D; box-shadow:4px 4px 4px  
4px #125A4D }
```

Background

The CSS property to change the background color of an element to Hex 125A4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#125A4D }
```

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

```
.background{ background-color:#125A4D }
```

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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