

Converting Colors

Hex(125D67)

Have a look what the booklet for
Hex(125D67) contains.

Hex(125D67)	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(125D67)

Conversions

Conversions Part 1

Format	Color
Hex	125D67
RGB	18, 93, 103
RGB Percent	7%, 36%, 40%
CMY	0.9294, 0.6353, 0.5961
CMYK	0.83, 0.10, 0.00, 0.60
HSL	187°, 70%, 24%
HSV	187°, 83%, 40%
XYZ	6.6120, 8.9366, 14.2084
YIQ	71.7150, -47.9100, -12.7900

Conversions

Conversions Part 2

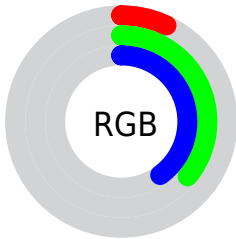
Format	Color
RYB	18, 58, 103
Decimal	1203559
CIELab	35.86, -17.91, -12.03
CIELCh	36, 21.570, 213.888
Yxy	8.9366, 0.2222, 0.3003
Android (android.graphics.Color)	4279393639 (0xFF125D67)
YUV	71.7150, 15.4235, -47.1081
Hunter-Lab	29.8941, -12.8340, -7.2542

Details

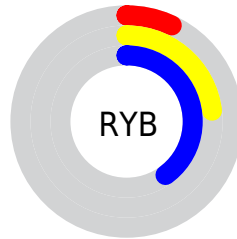
The Hex color **125D67** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **671C12**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4E909A**, and **002F38** is the 20% darker color. If you saturate the color by 10%, you get **085C67**, and if you desaturate by 10%, it is **1C5E67**.

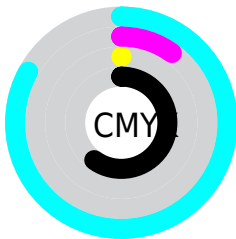
Distribution



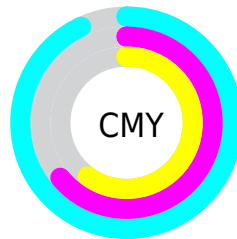
- Red (7%)
- Green (36%)
- Blue (40%)



- Red (7%)
- Yellow (23%)
- Blue (40%)



- Cyan (83%)
- Magenta (10%)
- Yellow (0%)
- Black (60%)



- Cyan (93%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 125D67 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 125D67 by changing the saturation by 10% instead.

■ 125D67

■ 125D67

FFFFFF

■ 00454F

■ 4E909A

■ 002F38

■ 69AAB5

■ 001B23

■ 84C5D0

■ 00000C

■ A0E2ED

■ 000000

■ BCFEFF

■ D9FFFF

■ F6FFFF

■ 125D67

■ 125D67

085C67

1C5E67

005B67

275F67

316167

3B6267

466367

506467

5A6567

646767

6F6867

Harmonies

Analogous

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



215E56



125D67



235A73

Triad

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



125D67



6C4964



5E5432

Complementary

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



125D67



671C12

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.



6C4E36



125D67



754753

Square

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



125D67



594F71



754942



4B5937

Rectangle

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



125D67



365776



754942



635232

Sweetspot

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



125D67



658387



12671C



304245



C4C4C4



454545

Same Dimension

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



125D67



017787



123367



2E3233



006573



00D6F2

Inverse Universe

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



67125D



870177



674612



332E32



730065



F200D6

Previews

White Background



This preview shows how the Hex color 125D67 looks on a white background.

Color Contrast Check

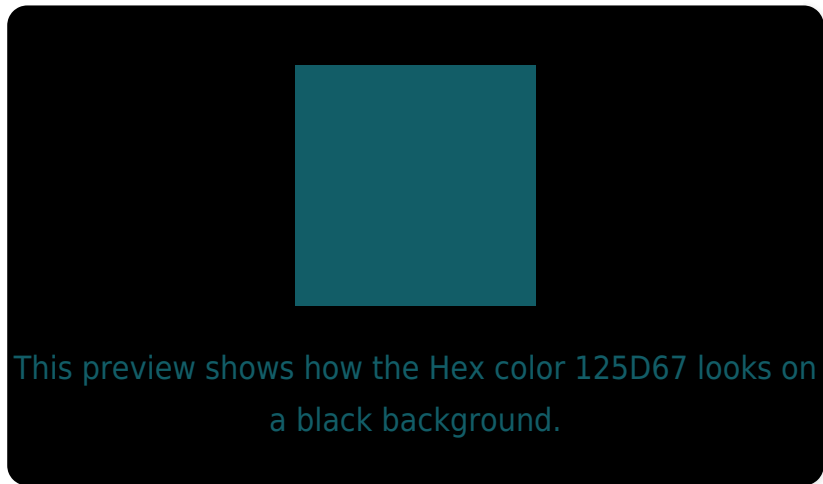
Large Text (above 18pt) WCAG AA ✓ Pass

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

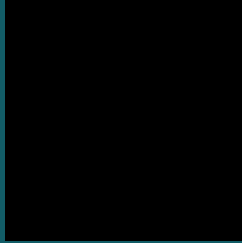
Any Text WCAG AA × Fail

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 125D67 Background



This preview shows how black text looks on a background with the Hex color 125D67.

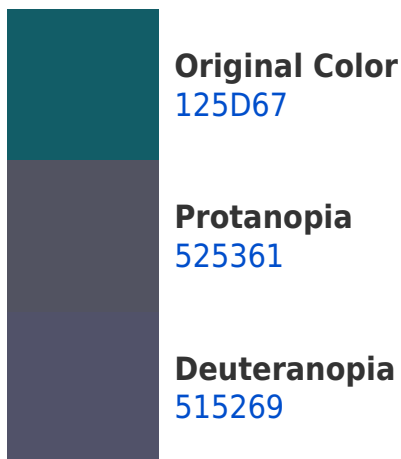


This preview shows how white text looks on a background with the Hex color 125D67.

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](#).

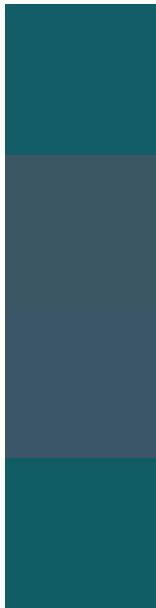
Dichromacy





Tritanopia
0F5D65

Trichromacy



Original Color
125D67

Protanomaly
3B5763

Deuteranomaly
3A5668

Tritanomaly
105D66

Monochromacy



Original Color
125D67

Achromatopsia
484848

Achromatomaly
345053

CSS Examples

Text

The CSS property to change the color of the text to Hex 125D67 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 #125D67 looks like.

```
.text, #text, p{  
    color:#125D67  
}
```

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 #125D67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #125D67
}
```

Border

The CSS property to change the border of an element to Hex 125D67 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
#125D67 }
```

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

```
.border{ border-color:#125D67 }
```

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

Here you see how a box with a 4 pixel #125D67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #125D67; -webkit-box-shadow:4px 4px  
4px 4px #125D67; box-shadow:4px 4px 4px  
4px #125D67 }
```

Background

The CSS property to change the background color of an element to Hex 125D67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#125D67 }
```

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

```
.background{ background-color:#125D67 }
```

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