

# Converting Colors

Hex(127340)

Have a look what the booklet for  
Hex(127340) contains.

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# Color

Hex(127340)

# Conversions

## Conversions Part 1

Format	Color
Hex	127340
RGB	18, 115, 64
RGB Percent	7%, 45%, 25%
CMY	0.9294, 0.5490, 0.7490
CMYK	0.84, 0.00, 0.44, 0.55
HSL	148°, 73%, 26%
HSV	148°, 84%, 45%
XYZ	7.3056, 12.7602, 6.9284
YIQ	80.1830, -41.4410, -36.4250

# Conversions

## Conversions Part 2

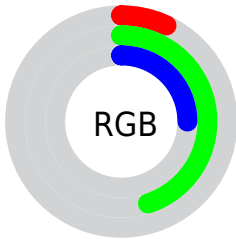
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 84, 115
Decimal	1209152
CIELab	42.40, -39.13, 20.84
CIELCh	42, 44.338, 151.960
Yxy	12.7602, 0.2706, 0.4727
Android (android.graphics.Color)	4279399232 (0xFF127340)
YUV	80.1830, -7.9782, -54.5345
Hunter-Lab	35.7215, -26.0065, 13.5053

# Details

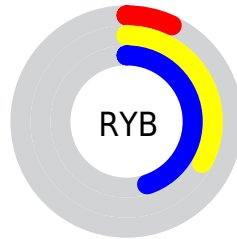
The Hex color **127340** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **731245**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **51A870**, and **004214** is the 20% darker color. If you saturate the color by 10%, you get **07733A**, and if you desaturate by 10%, it is **1E7346**.

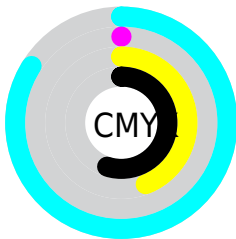
# Distribution



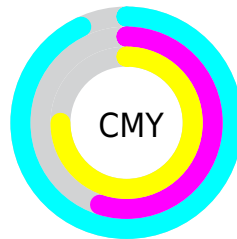
- Red (7%)
- Green (45%)
- Blue (25%)



- Red (7%)
- Yellow (33%)
- Blue (45%)



- Cyan (84%)
- Magenta (0%)
- Yellow (44%)
- Black (55%)



- Cyan (93%)
- Magenta (55%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 127340 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 127340 by changing the saturation by 10% instead.



 127340

 127340

FFFFFF

 005A29

 51A870

 004214

 6CC38A

 002B00

 88E0A4

 001000

 A3FDC0


 000000

 C0FFDC

 DDFFF8

 FAFFFF

 127340

 127340

■ 07733A

■ 1E7346

■ 007337

■ 29734C

■ 357352

■ 407358

■ 4C735E

■ 577364

■ 63736A

■ 6E7370

■ 7A7376

# Harmonies

## Analogous

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



506D21



127340



007665

# Triad

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



127340



0067AD



A4473F

# Complementary

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



127340



731245

# 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.



A54263



127340



6859A2

# Square

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



127340



0071A4



924A87



925522

# Rectangle

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



127340



00767E



924A87



A6444B



# Sweetspot

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



127340



719683



467312



364D40



CCCCCC



4D4D4D



# Same Dimension

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



127340



009647



127370



353B38



007A3A



00FA77



# Inverse Universe

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



731245



96004F



731215



3B3538



7A0040

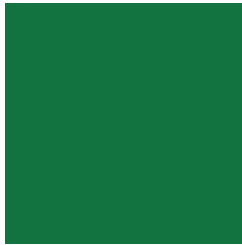


FA0083



# Previews

## White Background



This preview shows how the Hex color 127340 looks on a white background.

## Color Contrast Check

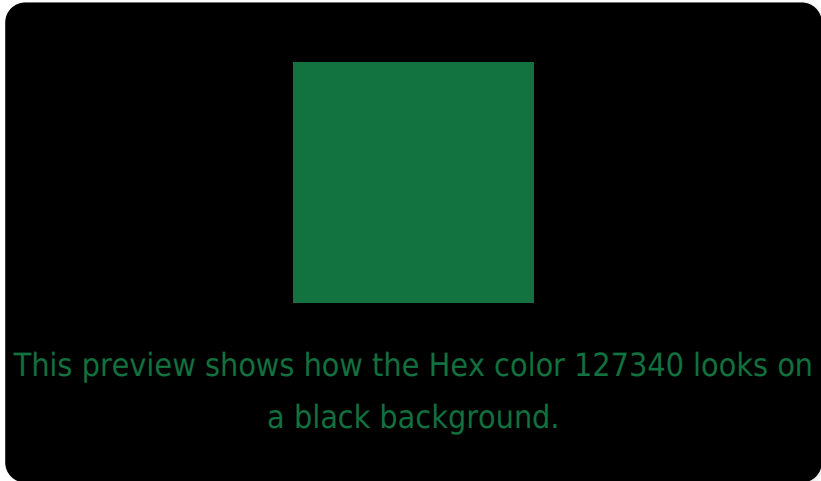
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 127340 Background



This preview shows how black text looks on a background with the Hex color 127340.



This preview shows how white text looks on a background with the Hex color 127340.

# 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**  
127340

**Protanopia**  
6D643A

**Deuteranopia**  
775F45



**Tritanopia**  
2E6D76

# Trichromacy



**Original Color**  
127340



**Protanomaly**  
4C693C



**Deuteranomaly**  
526643



**Tritanomaly**  
246F62

# Monochromacy



**Original Color**  
127340



**Achromatopsia**  
505050



**Achromatomaly**  
395D4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 127340 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 #127340 looks like.

```
.text, #text, p{  
    color:#127340  
}
```

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 #127340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #127340
}
```

## Border

The CSS property to change the border of an element to Hex 127340 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
#127340 }
```

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

```
.border{ border-color:#127340 }
```

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

Here you see how a box with a 4 pixel #127340 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #127340; -webkit-box-shadow:4px 4px  
4px 4px #127340; box-shadow:4px 4px 4px  
4px #127340 }
```

# Background

The CSS property to change the background color of an element to Hex 127340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#127340 }
```

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

```
.background{ background-color:#127340 }
```

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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