

Converting Colors

Hex(137F42)

Have a look what the booklet for
Hex(137F42) contains.

Hex(137F42)	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(137F42)

Conversions

Conversions Part 1

Format	Color
Hex	137F42
RGB	19, 127, 66
RGB Percent	7%, 50%, 26%
CMY	0.9255, 0.5020, 0.7412
CMYK	0.85, 0.00, 0.48, 0.50
HSL	146°, 74%, 29%
HSV	146°, 85%, 50%
XYZ	8.8413, 15.7105, 7.7207
YIQ	87.7540, -44.7870, -41.8670

Conversions

Conversions Part 2

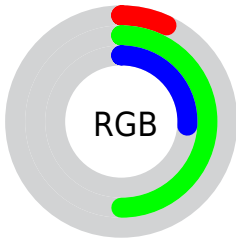
Format	Color
RYB	19, 94, 127
Decimal	1277762
CIELab	46.59, -43.25, 25.14
CIELCh	47, 50.021, 149.832
Yxy	15.7105, 0.2740, 0.4868
Android (android.graphics.Color)	4279467842 (0xFF137F42)
YUV	87.7540, -10.7247, -60.2973
Hunter-Lab	39.6365, -29.5478, 16.1966

Details

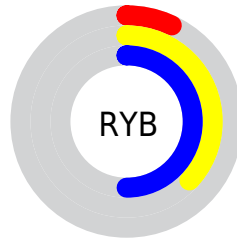
The Hex color **137F42** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7F1350**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **54B573**, and **004C15** is the 20% darker color. If you saturate the color by 10%, you get **067F3B**, and if you desaturate by 10%, it is **207F49**.

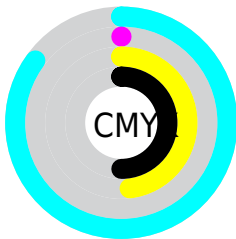
Distribution



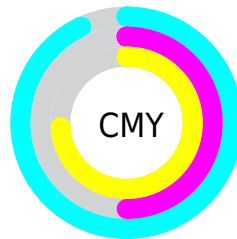
- Red (7%)
- Green (50%)
- Blue (26%)



- Red (7%)
- Yellow (37%)
- Blue (50%)



- Cyan (85%)
- Magenta (0%)
- Yellow (48%)
- Black (50%)



- Cyan (93%)
- Magenta (50%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 137F42 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 137F42 by changing the saturation by 10% instead.

 137F42

 137F42

FFFFFF

 00652B

 54B573

 004C15

 70D18D

 003500

 8CEDA7

 001F00

 A9FFC3

 000000

 C5FFDF

 E3FFFC

 137F42

 137F42

 067F3B

 207F49

■ 007F37

■ 2C7F50

■ 397F58

■ 467F5F

■ 537F66

■ 5F7F6D

■ 6C7F74

■ 797F7B

■ 857F83

Harmonies

Analogous

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



5A781E



137F42



00826D

Triad

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



137F42



0073C3



B84C47

Complementary

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



137F42



7F1350

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.



B84670



137F42



6D63B8

Square

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



137F42



007DB7



A15199



A45C24

Rectangle

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



137F42



00828A



A15199



BA4854

Sweetspot

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



137F42



7BA68D



507F13



3A5445



D4D4D4



545454

Same Dimension

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



137F42



00A648



137F78



39403C



008037



000000

Inverse Universe

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



7F1350



A6005E



7F131A



40393D



800048



000000

Previews

White Background



This preview shows how the Hex color 137F42 looks on a white background.

Color Contrast Check

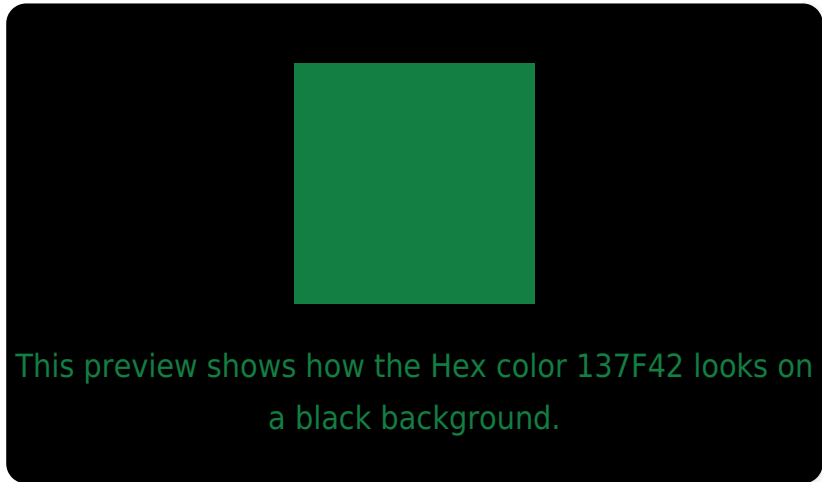
Large Text (above 18pt) WCAG AA ✓ Pass

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 137F42 Background



This preview shows how black text looks on a background with the Hex color 137F42.



This preview shows how white text looks on a background with the Hex color 137F42.

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
137F42

Protanopia
796E3C

Deuteranopia
846947

Trichromacy



Original Color
137F42



Protanomaly
54743E



Deuteranomaly
5B7145



Tritanomaly
277B6B

Monochromacy



Original Color
137F42



Achromatopsia
585858



Achromatomaly
3F6650

CSS Examples

Text

The CSS property to change the color of the text to Hex 137F42 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 #137F42 looks like.

```
.text, #text, p{  
    color:#137F42  
}
```

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 #137F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #137F42
}
```

Border

The CSS property to change the border of an element to Hex 137F42 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
#137F42 }
```

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

```
.border{ border-color:#137F42 }
```

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

Here you see how a box with a 4 pixel #137F42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #137F42; -webkit-box-shadow:4px 4px  
4px 4px #137F42; box-shadow:4px 4px 4px  
4px #137F42 }
```

Background

The CSS property to change the background color of an element to Hex 137F42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#137F42 }
```

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

```
.background{ background-color:#137F42 }
```

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