

Converting Colors

Hex(137A39)

Have a look what the booklet for
Hex(137A39) contains.

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Color

Hex(137A39)

Conversions

Conversions Part 1

Format	Color
Hex	137A39
RGB	19, 122, 57
RGB Percent	7%, 48%, 22%
CMY	0.9255, 0.5216, 0.7765
CMYK	0.84, 0.00, 0.53, 0.52
HSL	142°, 73%, 28%
HSV	142°, 84%, 48%
XYZ	7.9666, 14.3529, 6.2214
YIQ	83.7930, -40.5230, -42.0510

Conversions

Conversions Part 2

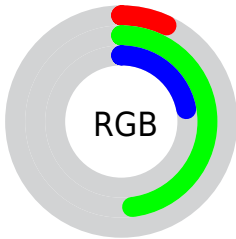
Format	Color
RYB	19, 94, 122
Decimal	1276473
CIELab	44.73, -42.97, 27.68
CIELCh	45, 51.116, 147.209
Yxy	14.3529, 0.2791, 0.5029
Android (android.graphics.Color)	4279466553 (0xFF137A39)
YUV	83.7930, -13.2089, -56.8235
Hunter-Lab	37.8853, -28.7637, 16.7832

Details

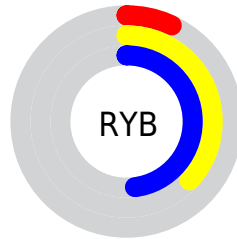
The Hex color **137A39** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7A1354**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **53AF6A**, and **00480B** is the 20% darker color. If you saturate the color by 10%, you get **077A31**, and if you desaturate by 10%, it is **1F7A41**.

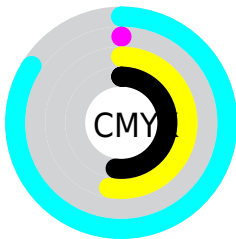
Distribution



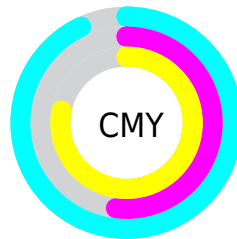
- Red (7%)
- Green (48%)
- Blue (22%)



- Red (7%)
- Yellow (37%)
- Blue (48%)



- Cyan (84%)
- Magenta (0%)
- Yellow (53%)
- Black (52%)



- Cyan (93%)
- Magenta (52%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 137A39 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 137A39 by changing the saturation by 10% instead.



137A39



137A39

FFFFFF



006022



53AF6A



00480B



6FCB83



003000



8BE89D



001900



A7FFB9



000000



C4FFD4



E1FFF1



FEFFFF



137A39



137A39

077A31

1F7A41

007A2D

2B7A48

387A50

447A58

507A5F

5C7A67

687A6F

757A77

817A7E

Harmonies

Analogous

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



597313



137A39



007D64

Triad

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



137A39



0070BF



B44446

Complementary

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



137A39



7A1354

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.



B34070



137A39



6260B6

Square

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



137A39



0079B1



994D99



A25521

Rectangle

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



137A39



007E82



994D99



B64153

Sweetspot

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



137A39



779E85



547A13



374F40



CFCFCF



4F4F4F

Same Dimension

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



137A39



009E3A



137A6C



373D39



007D2E



00FC5D

Inverse Universe

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



7A1354



9E0064



7A1321



3D373B



7D004F



FC009F

Previews

White Background



This preview shows how the Hex color 137A39 looks on a white background.

Color Contrast Check

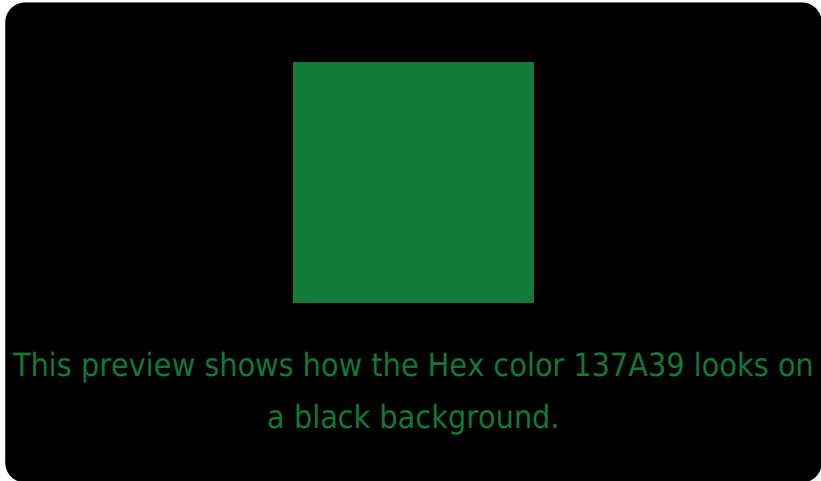
Large Text (above 18pt) WCAG AA ✓ Pass

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

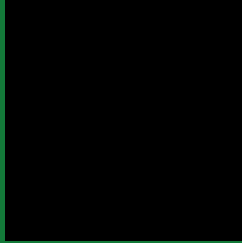
Any Text WCAG AA × Fail

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 137A39 Background



This preview shows how black text looks on a background with the Hex color 137A39.



This preview shows how white text looks on a background with the Hex color 137A39.

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
137A39

Protanopia
756933

Deuteranopia
80643F



Tritanopia
32737C

Trichromacy



Original Color
137A39



Protanomaly
516F35



Deuteranomaly
586C3D



Tritanomaly
277664

Monochromacy



Original Color
137A39



Achromatopsia
545454



Achromatomaly
3C624A

CSS Examples

Text

The CSS property to change the color of the text to Hex 137A39 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 #137A39 looks like.

```
.text, #text, p{  
    color:#137A39  
}
```

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 #137A39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #137A39
}
```

Border

The CSS property to change the border of an element to Hex 137A39 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
#137A39 }
```

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

```
.border{ border-color:#137A39 }
```

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

Here you see how a box with a 4 pixel #137A39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #137A39; -webkit-box-shadow:4px 4px  
4px 4px #137A39; box-shadow:4px 4px 4px  
4px #137A39 }
```

Background

The CSS property to change the background color of an element to Hex 137A39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#137A39 }
```

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

```
.background{ background-color:#137A39 }
```

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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