

Converting Colors

Hex(137A00)

Have a look what the booklet for
Hex(137A00) contains.

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Color

Hex(137A00)

Conversions

Conversions Part 1

Format	Color
Hex	137A00
RGB	19, 122, 0
RGB Percent	7%, 48%, 0%
CMY	0.9255, 0.5216, 1.0000
CMYK	0.84, 0.00, 1.00, 0.52
HSL	111°, 100%, 24%
HSV	111°, 100%, 48%
XYZ	7.2281, 14.0575, 2.3324
YIQ	77.2950, -22.2260, -59.7780

Conversions

Conversions Part 2

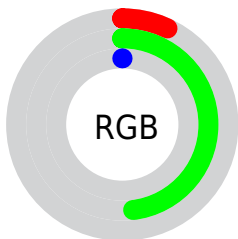
Format	Color
RYB	0, 122, 103
Decimal	1276416
CIELab	44.32, -48.14, 48.45
CIELCh	44, 68.301, 134.821
Yxy	14.0575, 0.3060, 0.5952
Android (android.graphics.Color)	4279466496 (0xFF137A00)
YUV	77.2950, -38.1064, -51.1247
Hunter-Lab	37.4934, -31.2015, 22.5570

Details

The Hex color **137A00** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **67007A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **56B03E**, and **004800** is the 20% darker color. If you saturate the color by 10%, you get **137A00**, and if you desaturate by 10%, it is **1D7A0C**.

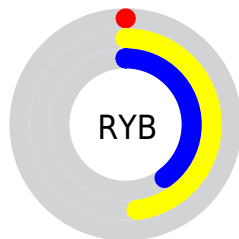
Distribution



Red (7%)

Green (48%)

Blue (0%)



Red (0%)

Yellow (48%)

Blue (40%)

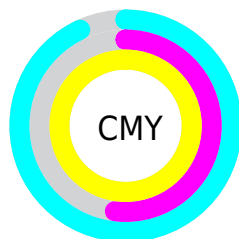


Cyan (84%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (93%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 137A00 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 137A00 by changing the saturation by 10% instead.

 137A00

 137A00

FFFFFFE

 006000

 56B03E

 004800

 72CB58

 003100

 8FE872

 001800


 ABFF8D

 000000

 C8FFA9

 E5FFC5

 FFFFE1

 137A00


 1D7A0C

 287A18

 327A25

 3C7A31

 477A3D

 517A49

 5B7A55

 657A62

 707A6E

Harmonies

Analogous

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



666F00



137A00



007F49

Triad

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



137A00



0078D7



CA1D4F

Complementary

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



137A00



67007A

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.



BE2588



137A00



0066D8

Square

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



137A00



007FB8



8D4ABA



BB3E17

Rectangle

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



137A00



008171



8D4ABA



CA1862

Sweetspot

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



137A00



769E6F



7A6600



374F33



CFCFCF



4F4F4F

Same Dimension

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



137A00



199E00



007A29



383D37



137D00



27FC00

Inverse Universe

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



67007A



85009E



7A0051



3C373D



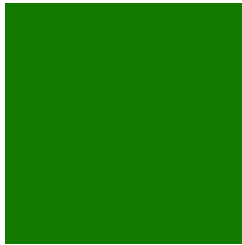
69007D



D500FC

Previews

White Background



This preview shows how the Hex color 137A00 looks on a white background.

Color Contrast Check

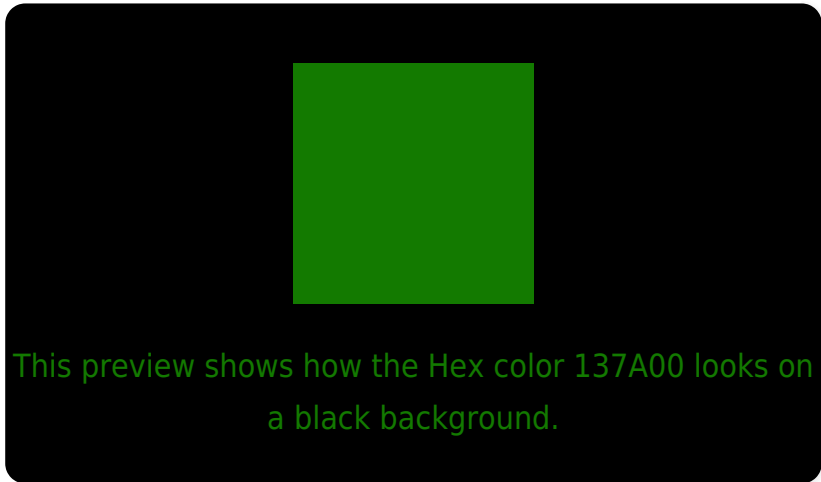
Large Text (above 18pt) WCAG AA ✓ Pass

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

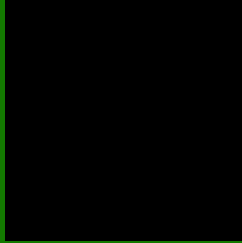
Any Text WCAG AA × Fail

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 137A00 Background



This preview shows how black text looks on a background with the Hex color 137A00.



This preview shows how white text looks on a background with the Hex color 137A00.

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
137A00

Protanopia
766900

Deuteranopia
83631A



Tritanopia
36717B

Trichromacy



Original Color

137A00



Protanomaly

526F00



Deuteranomaly

5A6B11



Tritanomaly

29744E

Monochromacy



Original Color

137A00



Achromatopsia

4D4D4D



Achromatomaly

385D31

CSS Examples

Text

The CSS property to change the color of the text to Hex 137A00 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 #137A00 looks like.

```
.text, #text, p{  
    color:#137A00  
}
```

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 #137A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #137A00
}
```

Border

The CSS property to change the border of an element to Hex 137A00 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".

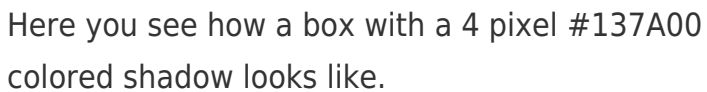
```
.border, #border, table{ border:4px solid
#137A00 }
```

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

```
.border{ border-color:#137A00 }
```

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

Here you see how a box with a 4 pixel #137A00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #137A00; -webkit-box-shadow:4px 4px  
4px 4px #137A00; box-shadow:4px 4px 4px  
4px #137A00 }
```

Background

The CSS property to change the background color of an element to Hex 137A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#137A00 }
```

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

```
.background{ background-color:#137A00 }
```

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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