

Converting Colors

Hex(137330)

Have a look what the booklet for
Hex(137330) contains.

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Color

Hex(137330)

Conversions

Conversions Part 1

Format	Color
Hex	137330
RGB	19, 115, 48
RGB Percent	7%, 45%, 19%
CMY	0.9255, 0.5490, 0.8118
CMYK	0.83, 0.00, 0.58, 0.55
HSL	138°, 72%, 26%
HSV	138°, 83%, 45%
XYZ	6.9328, 12.6133, 4.8655
YIQ	78.6580, -35.7090, -41.1890

Conversions

Conversions Part 2

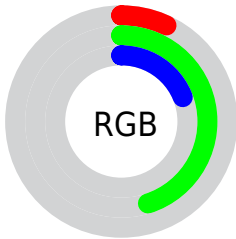
Format	Color
RYB	19, 93, 115
Decimal	1274672
CIELab	42.17, -41.84, 29.33
CIELCh	42, 51.098, 144.972
Yxy	12.6133, 0.2840, 0.5167
Android (android.graphics.Color)	4279464752 (0xFF137330)
YUV	78.6580, -15.1144, -52.3201
Hunter-Lab	35.5152, -27.3073, 16.7380

Details

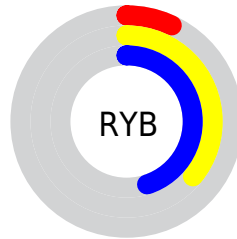
The Hex color **137330** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **731356**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **51A860**, and **004100** is the 20% darker color. If you saturate the color by 10%, you get **077328**, and if you desaturate by 10%, it is **1F7338**.

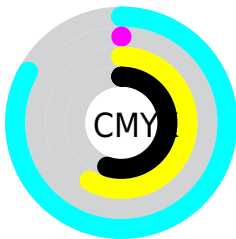
Distribution



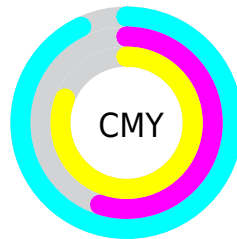
- Red (7%)
- Green (45%)
- Blue (19%)



- Red (7%)
- Yellow (36%)
- Blue (45%)



- Cyan (83%)
- Magenta (0%)
- Yellow (58%)
- Black (55%)



- Cyan (93%)
- Magenta (55%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 137330 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 137330 by changing the saturation by 10% instead.

 137330

 137330

FFFFFF

 005A19

 51A860

 004100

 6DC479

 002B00

 89E094

 000E00

 A5FDAE

 000000

 C1FFCA

 DEFFE6

 FBFFFF

 137330

 137330

077328

1F7338

007323

2A7340

367348

417350

4D7358

587360

647368

6F7370

7B7378

Harmonies

Analogous

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



566C07



137330



00765B

Triad

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



137330



006BB8



AD3D43

Complementary

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



137330



731356

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.



AA396C



137330



555BB0

Square

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



137330



0073A8



8F4894



9C4E1D

Rectangle

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



137330



007778



8F4894



AF3950

Sweetspot

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



137330



71967C



567313



364D3C



CCCCCC



4D4D4D

Same Dimension

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



137330



00962D



137360



353B37



007A25



00FA4B

Inverse Universe

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



731356



960069



731326



3B3539



7A0055



FA00AE

Previews

White Background



This preview shows how the Hex color 137330 looks on a white background.

Color Contrast Check

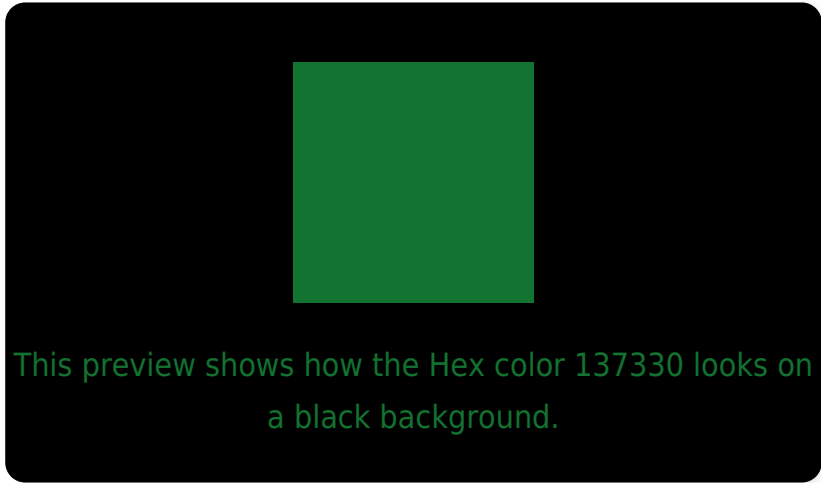
Large Text (above 18pt) WCAG AA ✓ Pass

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

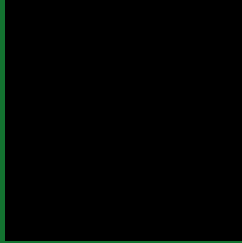
Any Text WCAG AA × Fail

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 137330 Background



This preview shows how black text looks on a background with the Hex color 137330.



This preview shows how white text looks on a background with the Hex color 137330.

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
137330

Protanopia
6E632B

Deuteranopia
795E36



Tritanopia
306C75

Trichromacy



Original Color
137330



Protanomaly
4D692D



Deuteranomaly
546634



Tritanomaly
256F5C

Monochromacy



Original Color
137330



Achromatopsia
4F4F4F



Achromatomaly
395C44

CSS Examples

Text

The CSS property to change the color of the text to Hex 137330 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 #137330 looks like.

```
.text, #text, p{  
    color:#137330  
}
```

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 #137330 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #137330
}
```

Border

The CSS property to change the border of an element to Hex 137330 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
#137330 }
```

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

```
.border{ border-color:#137330 }
```

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

Here you see how a box with a 4 pixel #137330 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #137330; -webkit-box-shadow:4px 4px  
4px 4px #137330; box-shadow:4px 4px 4px  
4px #137330 }
```

Background

The CSS property to change the background color of an element to Hex 137330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#137330 }
```

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

```
.background{ background-color:#137330 }
```

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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