

Converting Colors

Hex(137231)

Have a look what the booklet for
Hex(137231) contains.

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Color

Hex(137231)

Conversions

Conversions Part 1

Format	Color
Hex	137231
RGB	19, 114, 49
RGB Percent	7%, 45%, 19%
CMY	0.9255, 0.5529, 0.8078
CMYK	0.83, 0.00, 0.57, 0.55
HSL	139°, 71%, 26%
HSV	139°, 83%, 45%
XYZ	6.8403, 12.3948, 4.9377
YIQ	78.1850, -35.7550, -40.3550

Conversions

Conversions Part 2

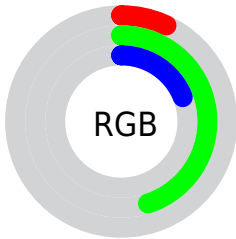
Format	Color
RYB	19, 91, 114
Decimal	1274417
CIELab	41.84, -41.32, 28.40
CIELCh	42, 50.138, 145.501
Yxy	12.3948, 0.2830, 0.5128
Android (android.graphics.Color)	4279464497 (0xFF137231)
YUV	78.1850, -14.3882, -51.9052
Hunter-Lab	35.2063, -26.9301, 16.3290

Details

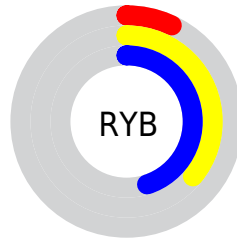
The Hex color **137231** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **721354**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **51A761**, and **004102** is the 20% darker color. If you saturate the color by 10%, you get **087229**, and if you desaturate by 10%, it is **1E7239**.

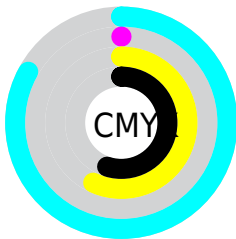
Distribution



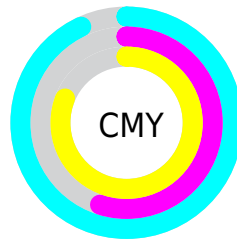
- Red (7%)
- Green (45%)
- Blue (19%)



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



- Cyan (83%)
- Magenta (0%)
- Yellow (57%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 137231 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 137231 by changing the saturation by 10% instead.

 137231

 137231

FFFFFF

 00591A

 51A761

 004102

 6DC27A

 002A00

 88DF94

 000C00


 A4FCAF

 000000

 C0FFCB

 DDFFE7

 FBFFFF

 137231

 137231

■ 087229

■ 1E7239

■ 007224

■ 2A7241

■ 357248

■ 417250

■ 4C7258

■ 577260

■ 637268

■ 6E726F

■ 7A7277

Harmonies

Analogous

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



546B0A



137231



00755B

Triad

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



137231



0069B5



AB3D42

Complementary

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



137231



721354

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.



A9396B



137231



565AAE

Square

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



137231



0072A6



8E4792



9A4E1D

Rectangle

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



137231



007678



8E4792



AD3A4F

Sweetspot

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



137231



6F947B



567213



344A3B



C9C9C9



4A4A4A

Same Dimension

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



137231



00942F



13725F



323834



007826



00F74E

Inverse Universe

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



721354



940065



721326



383236



780052



F700A9

Previews

White Background



This preview shows how the Hex color 137231 looks on a white background.

Color Contrast Check

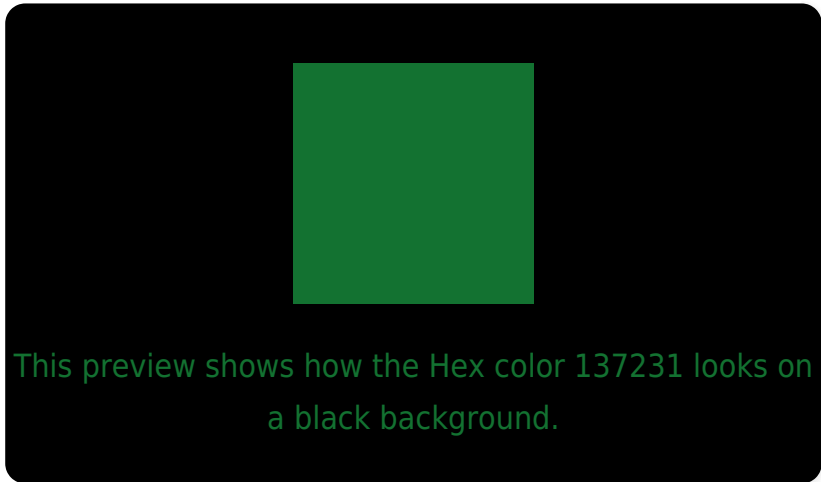
Large Text (above 18pt) WCAG AA ✓ Pass

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 137231 Background



This preview shows how black text looks on a background with the Hex color 137231.



This preview shows how white text looks on a background with the Hex color 137231.

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
137231

Protanopia
6D622C

Deuteranopia
785E37



Tritanopia
306B74

Trichromacy



Original Color
137231



Protanomaly
4C682E



Deuteranomaly
536535



Tritanomaly
256E5C

Monochromacy



Original Color
137231



Achromatopsia
4E4E4E



Achromatomaly
395B43

CSS Examples

Text

The CSS property to change the color of the text to Hex 137231 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 #137231 looks like.

```
.text, #text, p{  
    color:#137231  
}
```

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 #137231 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #137231
}
```

Border

The CSS property to change the border of an element to Hex 137231 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
#137231 }
```

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

```
.border{ border-color:#137231 }
```

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

Here you see how a box with a 4 pixel #137231 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #137231; -webkit-box-shadow:4px 4px  
4px 4px #137231; box-shadow:4px 4px 4px  
4px #137231 }
```

Background

The CSS property to change the background color of an element to Hex 137231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#137231 }
```

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

```
.background{ background-color:#137231 }
```

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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