

Converting Colors

Hex(137549)

Have a look what the booklet for
Hex(137549) contains.

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Color

Hex(137549)

Conversions

Conversions Part 1

Format	Color
Hex	137549
RGB	19, 117, 73
RGB Percent	7%, 46%, 29%
CMY	0.9255, 0.5412, 0.7137
CMYK	0.84, 0.00, 0.38, 0.54
HSL	153°, 72%, 27%
HSV	153°, 84%, 46%
XYZ	7.8324, 13.3421, 8.4658
YIQ	82.6820, -44.2840, -34.4600

Conversions

Conversions Part 2

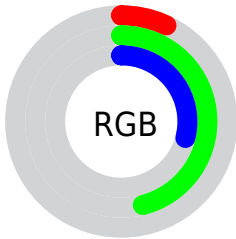
Format	Color
RYB	19, 82, 117
Decimal	1275209
CIELab	43.27, -37.91, 16.83
CIELCh	43, 41.480, 156.056
Yxy	13.3421, 0.2642, 0.4501
Android (android.graphics.Color)	4279465289 (0xFF137549)
YUV	82.6820, -4.7732, -55.8491
Hunter-Lab	36.5268, -25.6461, 11.8271

Details

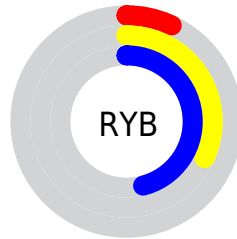
The Hex color **137549** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **75133F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **52AA7A**, and **00431D** is the 20% darker color. If you saturate the color by 10%, you get **077544**, and if you desaturate by 10%, it is **1F754E**.

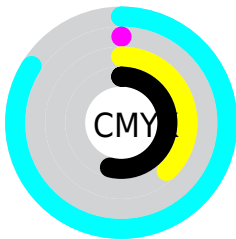
Distribution



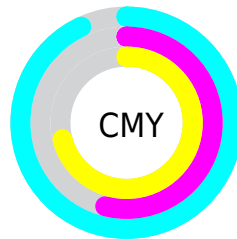
- Red (7%)
- Green (46%)
- Blue (29%)



- Red (7%)
- Yellow (32%)
- Blue (46%)



- Cyan (84%)
- Magenta (0%)
- Yellow (38%)
- Black (54%)



- Cyan (93%)
- Magenta (54%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 137549 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 137549 by changing the saturation by 10% instead.

 137549

 137549

FFFFFF

 005C32

 52AA7A

 00431D

 6DC694

 002D05

 89E2AF

 001400

 A5FFCA

 000000

 C1FFE6

 DEFFFF

 FBFFFF

 137549

 137549

■ 077544

■ 1F754E

■ 007540

■ 2A7554

■ 367559

■ 42755E

■ 4E7563

■ 597569

■ 65756E

■ 717573

■ 7C7578

Harmonies

Analogous

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



4E702B



137549



00776C

Triad

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



137549



2E68AB



A14D40

Complementary

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



137549



75133F

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.



A54761



137549



715A9E

Square

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



137549



0071A5



964D83



8F5A26

Rectangle

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



137549



007783



964D83



A44A4A

Sweetspot

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



137549



739988



3F7513



364D42



CCCCCC



4D4D4D

Same Dimension

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



137549



009954



137075



353B38



007A43



00FA8A

Inverse Universe

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



75133F



990045



751813



3B3537



7A0037



FA0070

Previews

White Background



This preview shows how the Hex color 137549 looks on a white background.

Color Contrast Check

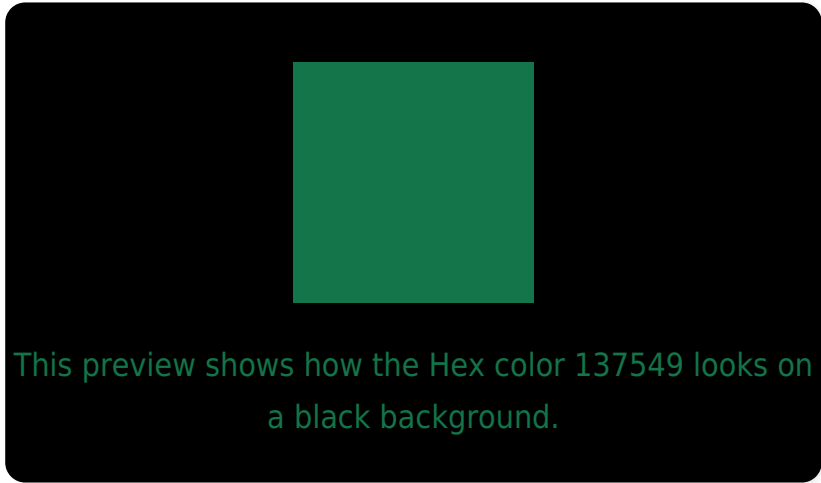
Large Text (above 18pt) WCAG AA ✓ Pass

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

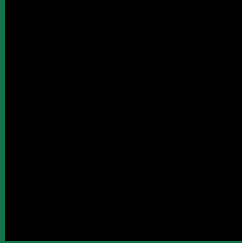
Any Text WCAG AA × Fail

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 137549 Background



This preview shows how black text looks on a background with the Hex color 137549.



This preview shows how white text looks on a background with the Hex color 137549.

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
137549

Protanopia
6F6643

Deuteranopia
78624D



Tritanopia
2D6F78

Trichromacy



Original Color

137549



Protanomaly

4E6B45



Deuteranomaly

53694C



Tritanomaly

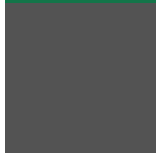
247167

Monochromacy



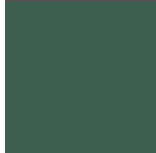
Original Color

137549



Achromatopsia

535353



Achromatomaly

3C5F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 137549 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 #137549 looks like.

```
.text, #text, p{  
    color:#137549  
}
```

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 #137549 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #137549
}
```

Border

The CSS property to change the border of an element to Hex 137549 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
#137549 }
```

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

```
.border{ border-color:#137549 }
```

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

Here you see how a box with a 4 pixel #137549 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #137549; -webkit-box-shadow:4px 4px  
4px 4px #137549; box-shadow:4px 4px 4px  
4px #137549 }
```

Background

The CSS property to change the background color of an element to Hex 137549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#137549 }
```

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

```
.background{ background-color:#137549 }
```

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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