

Converting Colors

Hex(137D48)

Have a look what the booklet for
Hex(137D48) contains.

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Color

Hex(137D48)

Conversions

Conversions Part 1

Format	Color
Hex	137D48
RGB	19, 125, 72
RGB Percent	7%, 49%, 28%
CMY	0.9255, 0.5098, 0.7176
CMYK	0.85, 0.00, 0.42, 0.51
HSL	150°, 74%, 28%
HSV	150°, 85%, 49%
XYZ	8.7719, 15.2736, 8.6167
YIQ	87.2640, -46.1630, -38.9550

Conversions

Conversions Part 2

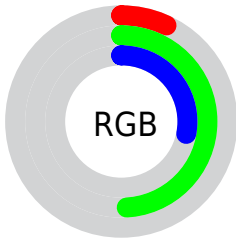
Format	Color
RYB	19, 90, 125
Decimal	1277256
CIELab	46.01, -41.32, 21.04
CIELCh	46, 46.365, 153.011
Yxy	15.2736, 0.2686, 0.4676
Android (android.graphics.Color)	4279467336 (0xFF137D48)
YUV	87.2640, -7.5252, -59.8675
Hunter-Lab	39.0814, -28.3279, 14.2847

Details

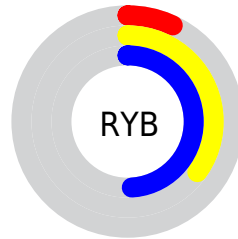
The Hex color **137D48** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7D1348**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **54B379**, and **004B1B** is the 20% darker color. If you saturate the color by 10%, you get **077D42**, and if you desaturate by 10%, it is **1F7D4E**.

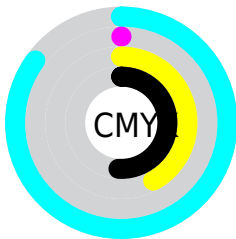
Distribution



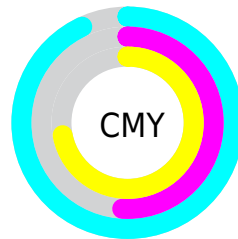
- Red (7%)
- Green (49%)
- Blue (28%)



- Red (7%)
- Yellow (35%)
- Blue (49%)



- Cyan (85%)
- Magenta (0%)
- Yellow (42%)
- Black (51%)



- Cyan (93%)
- Magenta (51%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 137D48 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 137D48 by changing the saturation by 10% instead.

 137D48

 137D48

FFFFFF

 006331

 54B379

 004B1B

 70CE93

 003303

 8CEBAE

 001D00

 A8FFC9

 000000


 C4FFE5

 E2FFFF

 137D48

 137D48

 077D42

 1F7D4E

■ 007D3F

■ 2C7D54

■ 397D5B

■ 457D61

■ 527D67

■ 5E7D6E

■ 6B7D74

■ 777D7A

■ 847D80

Harmonies

Analogous

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



567727



137D48



008070

Triad

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



137D48



0F70BB



B04F45

Complementary

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



137D48



7D1348

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.



B2496B



137D48



7361AE

Square

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



137D48



007AB2



9F5191



9D5E26

Rectangle

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



137D48



00808A



9F5191



B34B51

Sweetspot

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



137D48



7AA38F



487D13



395245



D1D1D1



525252

Same Dimension

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



137D48



00A352



137D7D



39403D



008040



000000

Inverse Universe

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



7D1348



A30052



7D1313



40393D



800040



000000

Previews

White Background



This preview shows how the Hex color 137D48 looks on a white background.

Color Contrast Check

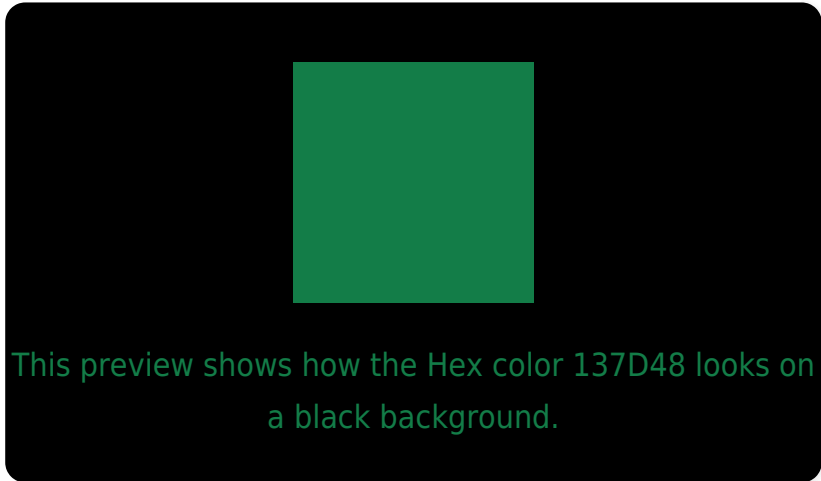
Large Text (above 18pt) WCAG AA ✓ Pass

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 137D48 Background



This preview shows how black text looks on a background with the Hex color 137D48.

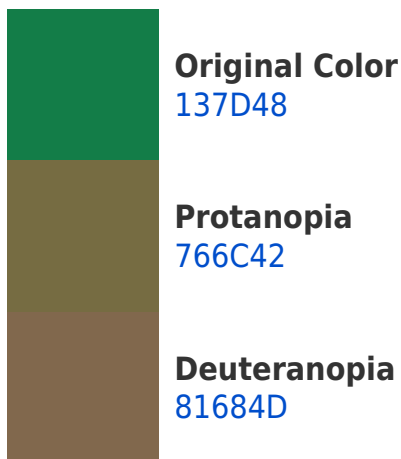


This preview shows how white text looks on a background with the Hex color 137D48.

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





Tritanopia
317680

Trichromacy



Original Color
137D48



Protanomaly
527244



Deuteranomaly
59704B



Tritanomaly
26796C

Monochromacy



Original Color
137D48



Achromatopsia
575757



Achromatomaly
3E6552

CSS Examples

Text

The CSS property to change the color of the text to Hex 137D48 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 #137D48 looks like.

```
.text, #text, p{  
    color:#137D48  
}
```

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 #137D48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #137D48
}
```

Border

The CSS property to change the border of an element to Hex 137D48 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
#137D48 }
```

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

```
.border{ border-color:#137D48 }
```

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

Here you see how a box with a 4 pixel #137D48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #137D48; -webkit-box-shadow:4px 4px  
4px 4px #137D48; box-shadow:4px 4px 4px  
4px #137D48 }
```

Background

The CSS property to change the background color of an element to Hex 137D48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#137D48 }
```

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

```
.background{ background-color:#137D48 }
```

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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