

Converting Colors

Hex(137D76)

Have a look what the booklet for
Hex(137D76) contains.

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Color

Hex(137D76)

Conversions

Conversions Part 1

Format	Color
Hex	137D76
RGB	19, 125, 118
RGB Percent	7%, 49%, 46%
CMY	0.9255, 0.5098, 0.5373
CMYK	0.85, 0.00, 0.06, 0.51
HSL	176°, 74%, 28%
HSV	176°, 85%, 49%
XYZ	10.8722, 16.1137, 19.6768
YIQ	92.5080, -60.9290, -24.6490

Conversions

Conversions Part 2

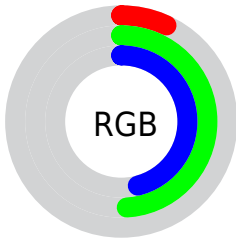
Format	Color
RYB	19, 74, 125
Decimal	1277302
CIELab	47.12, -29.37, -4.24
CIELCh	47, 29.673, 188.216
Yxy	16.1137, 0.2330, 0.3453
Android (android.graphics.Color)	4279467382 (0xFF137D76)
YUV	92.5080, 12.5676, -64.4665
Hunter-Lab	40.1419, -21.9026, -0.9635

Details

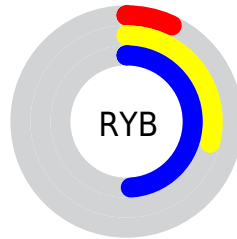
The Hex color **137D76** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7D131A**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **56B2AA**, and **004B46** is the 20% darker color. If you saturate the color by 10%, you get **077D75**, and if you desaturate by 10%, it is **1F7D77**.

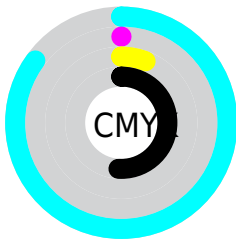
Distribution



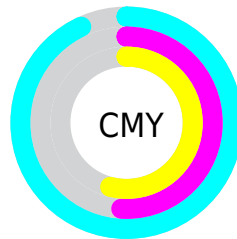
- Red (7%)
- Green (49%)
- Blue (46%)



- Red (7%)
- Yellow (29%)
- Blue (49%)



- Cyan (85%)
- Magenta (0%)
- Yellow (6%)
- Black (51%)



- Cyan (93%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 137D76 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 137D76 by changing the saturation by 10% instead.

 137D76

 137D76

FFFFFF

 00645D

 56B2AA

 004B46

 72CEC5

 003430

 8FEAE1


 00211B


 ABFFFE

 000000

 C8FFFF

 E5FFFF

 137D76

 137D76

 077D75

 1F7D77

■ 007D75

■ 2C7D78

■ 397D78

■ 457D79

■ 527D7A

■ 5E7D7B

■ 6B7D7C

■ 777D7D

■ 847D7D

Harmonies

Analogous

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



3F7C5C



137D76



007C8E

Triad

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



137D76



7B6797



8F6842

Complementary

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



137D76



7D131A

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.



9D6052



137D76



955F83

Square

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



137D76



5670A1



A05C6A



79703E

Rectangle

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



137D76



0E799A



A05C6A



956546

Sweetspot

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



137D76



7AA3A1



1A7D13



395250



D1D1D1



525252

Same Dimension

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



137D76



00A398



134F7D



39403F



008077



000000

Inverse Universe

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



7D131A



A3000B



7D4113



40393A



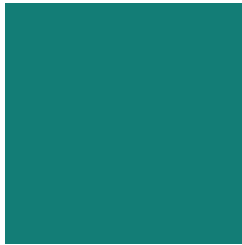
800008



000000

Previews

White Background



This preview shows how the Hex color 137D76 looks on a white background.

Color Contrast Check

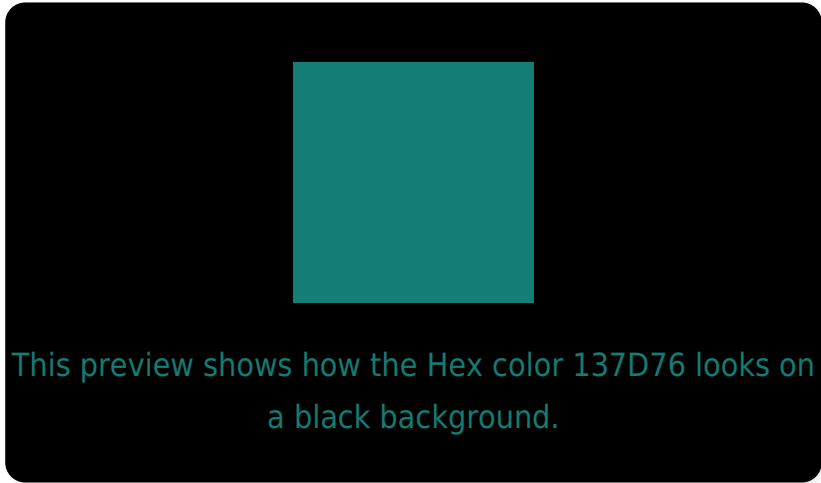
Large Text (above 18pt) WCAG AA ✓ Pass

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

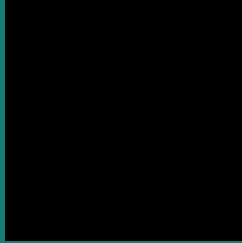
Any Text WCAG AA × Fail

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 137D76 Background



This preview shows how black text looks on a background with the Hex color 137D76.

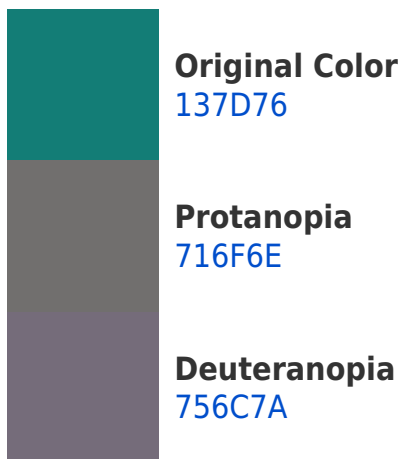


This preview shows how white text looks on a background with the Hex color 137D76.

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
217B85

Trichromacy



Original Color
137D76



Protanomaly
4F7471



Deuteranomaly
517279



Tritanomaly
1C7C80

Monochromacy



Original Color
137D76



Achromatopsia
5D5D5D



Achromatomaly
426966

CSS Examples

Text

The CSS property to change the color of the text to Hex 137D76 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 #137D76 looks like.

```
.text, #text, p{  
    color:#137D76  
}
```

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 #137D76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #137D76
}
```

Border

The CSS property to change the border of an element to Hex 137D76 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
#137D76 }
```

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

```
.border{ border-color:#137D76 }
```

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

Here you see how a box with a 4 pixel #137D76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #137D76; -webkit-box-shadow:4px 4px  
4px 4px #137D76; box-shadow:4px 4px 4px  
4px #137D76 }
```

Background

The CSS property to change the background color of an element to Hex 137D76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#137D76 }
```

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

```
.background{ background-color:#137D76 }
```

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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