

Converting Colors

Hex(137B85)

Have a look what the booklet for
Hex(137B85) contains.

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Color

Hex(137B85)

Conversions

Conversions Part 1

Format	Color
Hex	137B85
RGB	19, 123, 133
RGB Percent	7%, 48%, 52%
CMY	0.9255, 0.5176, 0.4784
CMYK	0.86, 0.08, 0.00, 0.48
HSL	185°, 75%, 30%
HSV	185°, 86%, 52%
XYZ	11.5852, 15.9978, 24.6676
YIQ	93.0440, -65.1940, -18.9380

Conversions

Conversions Part 2

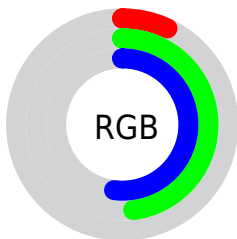
Format	Color
RYB	19, 73, 133
Decimal	1276805
CIELab	46.97, -23.52, -13.35
CIELCh	47, 27.046, 209.580
Yxy	15.9978, 0.2217, 0.3062
Android (android.graphics.Color)	4279466885 (0xFF137B85)
YUV	93.0440, 19.6983, -64.9366
Hunter-Lab	39.9973, -18.2930, -8.5679

Details

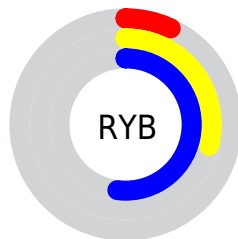
The Hex color **137B85** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **851D13**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **58B0BA**, and **004A54** is the 20% darker color. If you saturate the color by 10%, you get **067A85**, and if you desaturate by 10%, it is **207C85**.

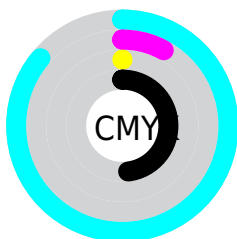
Distribution



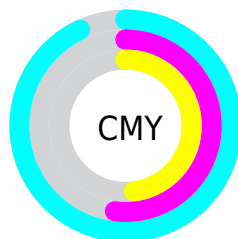
- Red (7%)
- Green (48%)
- Blue (52%)



- Red (7%)
- Yellow (29%)
- Blue (52%)



- Cyan (86%)
- Magenta (8%)
- Yellow (0%)
- Black (48%)



- Cyan (93%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 137B85 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 137B85 by changing the saturation by 10% instead.

 137B85

 137B85

FFFFFF

 00626C

 58B0BA

 004A54

 74CBD6

 00333C

 91E8F2

 001F27

 AEFFFF

 000112

 CBFFFF

 000000

 E8FFFF

 137B85

 137B85

 067A85

 207C85

007985

2E7D85

3B7F85

488085

568185

638285

708385

7D8485

8B8685

Harmonies

Analogous

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



2E7B6E



137B85



277896

Triad

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



137B85



8C6287



7F6E42

Complementary

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



137B85



851D13

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.



916649



137B85



9A5E71

Square

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



137B85



726A97



9B605A



677547

Rectangle

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



137B85



41749C



9B605A



866B43

Sweetspot

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



137B85



80A9AD



13851C



3C5457



D6D6D6



575757

Same Dimension

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



137B85



009EAD



134385



3C4242



007782



000203

Inverse Universe

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



85137B



AD009E



855613



423C42



820077



030002

Previews

White Background



This preview shows how the Hex color 137B85 looks on a white background.

Color Contrast Check

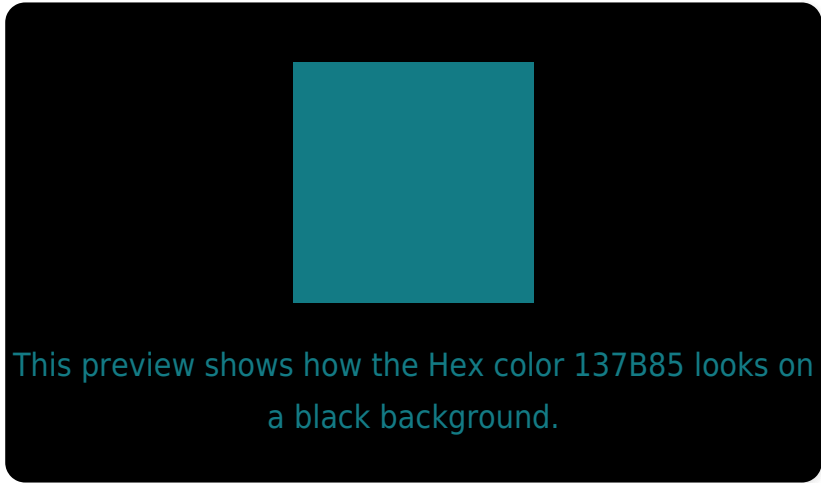
Large Text (above 18pt) WCAG AA ✓ Pass

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

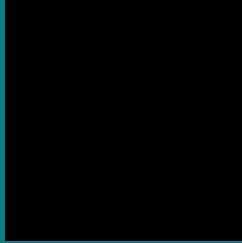
Any Text WCAG AA × Fail

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 137B85 Background



This preview shows how black text looks on a background with the Hex color 137B85.

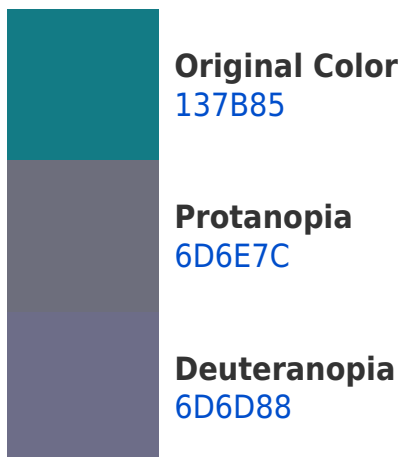


This preview shows how white text looks on a background with the Hex color 137B85.

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
137B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 137B85 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 #137B85 looks like.

```
.text, #text, p{  
    color:#137B85  
}
```

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 #137B85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #137B85
}
```

Border

The CSS property to change the border of an element to Hex 137B85 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
#137B85 }
```

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

```
.border{ border-color:#137B85 }
```

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

Here you see how a box with a 4 pixel #137B85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #137B85; -webkit-box-shadow:4px 4px  
4px 4px #137B85; box-shadow:4px 4px 4px  
4px #137B85 }
```

Background

The CSS property to change the background color of an element to Hex 137B85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#137B85 }
```

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

```
.background{ background-color:#137B85 }
```

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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