

Converting Colors

Hex(137891)

Have a look what the booklet for
Hex(137891) contains.

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Color

Hex(137891)

Conversions

Conversions Part 1

Format	Color
Hex	137891
RGB	19, 120, 145
RGB Percent	7%, 47%, 57%
CMY	0.9255, 0.5294, 0.4314
CMYK	0.87, 0.17, 0.00, 0.43
HSL	192°, 77%, 32%
HSV	192°, 87%, 57%
XYZ	12.0959, 15.6157, 29.1647
YIQ	92.6510, -68.2210, -13.6370

Conversions

Conversions Part 2

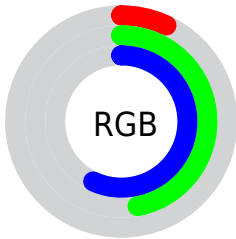
Format	Color
RYB	19, 75, 145
Decimal	1276049
CIELab	46.47, -17.75, -21.22
CIElCh	46, 27.668, 230.088
Yxy	15.6157, 0.2127, 0.2746
Android (android.graphics.Color)	4279466129 (0xFF137891)
YUV	92.6510, 25.8081, -64.5919
Hunter-Lab	39.5167, -14.5164, -16.0963

Details

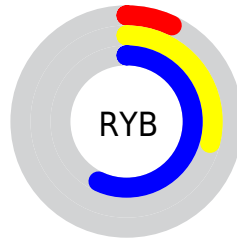
The Hex color **137891** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **912C13**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **59ACC7**, and **00475E** is the 20% darker color. If you saturate the color by 10%, you get **057591**, and if you desaturate by 10%, it is **227B91**.

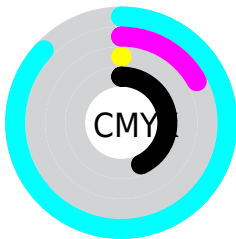
Distribution



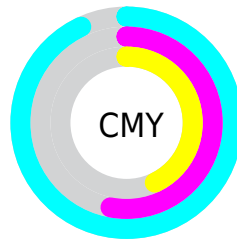
- Red (7%)
- Green (47%)
- Blue (57%)



- Red (7%)
- Yellow (29%)
- Blue (57%)



- Cyan (87%)
- Magenta (17%)
- Yellow (0%)
- Black (43%)



- Cyan (93%)
- Magenta (53%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 137891 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 137891 by changing the saturation by 10% instead.

 137891

 137891

FFFFFF

 005F77

 59ACC7

 00475E

 76C8E3

 003147

 93E4FF

 001D30

 B0FFFF

 00011B

 CDFFFF

 000000

 EBFFFF

 137891

 137891

 057591

 227B91

007491

307E91

3F8191

4D8491

5C8691

6A8991

798C91

878F91

969291

Harmonies

Analogous

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



117A7D



137891



3F739B

Triad

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



137891



965D77



6E7242

Complementary

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



137891



912C13

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.



846A40



137891



9B5D5F

Square

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



137891



84638C



95624B



537750

Rectangle

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



137891



596E9C



95624B



766F40

Sweetspot

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



137891



8CB3BD



13912A



41595E



DEDEDE



5E5E5E

Same Dimension

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



137891



0097BD



133B91



404647



006C87



000608

Inverse Universe

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



911378



BD0097



916913



474046



87006C



080006

Previews

White Background



This preview shows how the Hex color 137891 looks on a white background.

Color Contrast Check

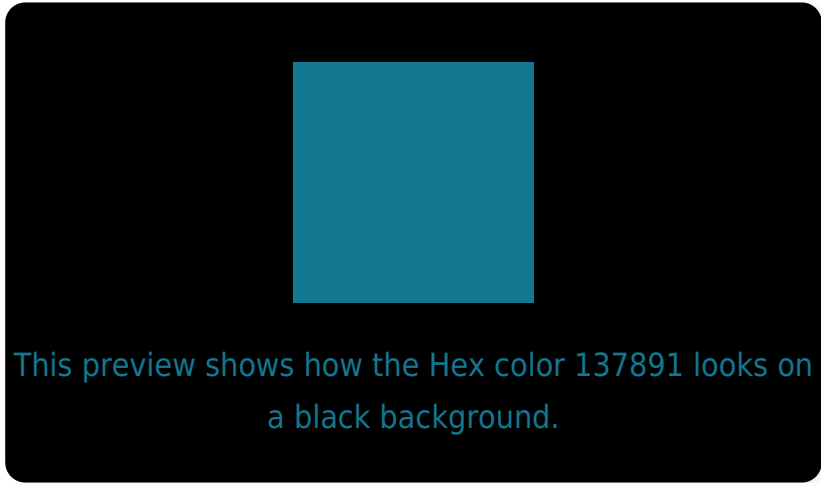
Large Text (above 18pt) WCAG AA ✓ Pass

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

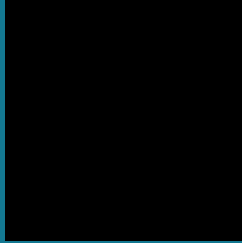
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

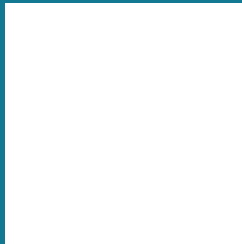
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 137891 Background



This preview shows how black text looks on a background with the Hex color 137891.

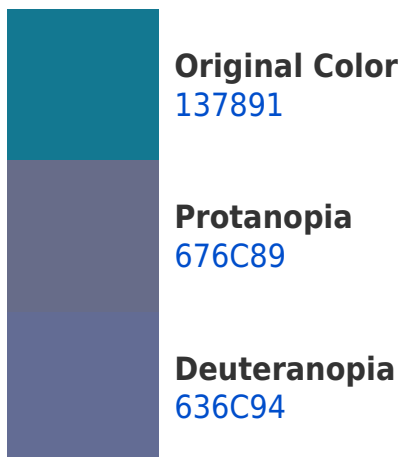


This preview shows how white text looks on a background with the Hex color 137891.

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](#).

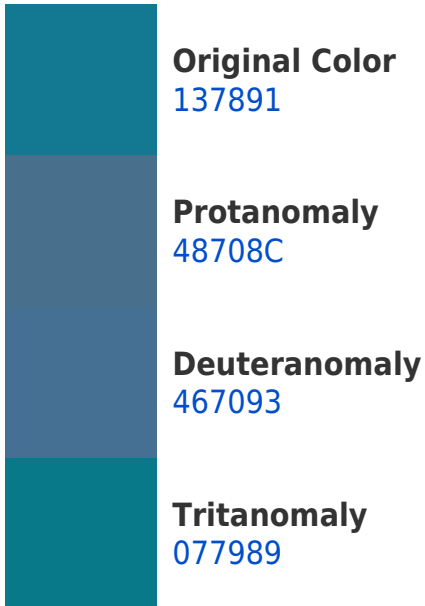
Dichromacy



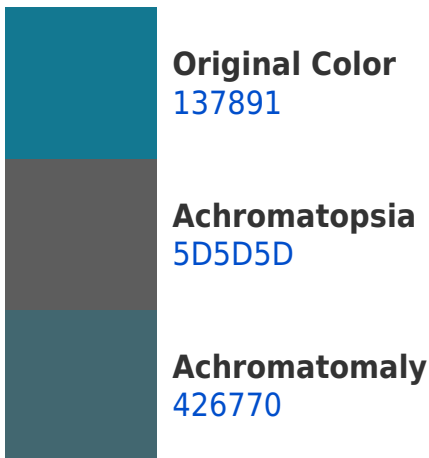


Tritanopia
007A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 137891 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 #137891 looks like.

```
.text, #text, p{  
    color:#137891  
}
```

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 #137891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #137891
}
```

Border

The CSS property to change the border of an element to Hex 137891 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
#137891 }
```

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

```
.border{ border-color:#137891 }
```

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

Here you see how a box with a 4 pixel #137891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #137891; -webkit-box-shadow:4px 4px  
4px 4px #137891; box-shadow:4px 4px 4px  
4px #137891 }
```

Background

The CSS property to change the background color of an element to Hex 137891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#137891 }
```

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

```
.background{ background-color:#137891 }
```

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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