

Converting Colors

Hex(037A7B)

Have a look what the booklet for
Hex(037A7B) contains.

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Color

Hex(037A7B)

Conversions

Conversions Part 1

Format	Color
Hex	037A7B
RGB	3, 122, 123
RGB Percent	1%, 48%, 48%
CMY	0.9882, 0.5216, 0.5176
CMYK	0.98, 0.01, 0.00, 0.52
HSL	180°, 95%, 25%
HSV	180°, 98%, 48%
XYZ	10.5722, 15.3685, 21.1481
YIQ	86.5330, -71.2450, -24.9170

Conversions

Conversions Part 2

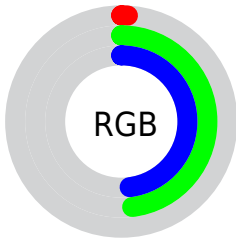
Format	Color
RYB	3, 63, 123
Decimal	227963
CIELab	46.13, -27.36, -8.70
CIELCh	46, 28.709, 197.631
Yxy	15.3685, 0.2245, 0.3264
Android (android.graphics.Color)	4278418043 (0xFF037A7B)
YUV	86.5330, 17.9782, -73.2584
Hunter-Lab	39.2027, -20.4665, -4.5425

Details

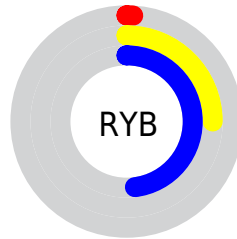
The Hex color **037A7B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7B0403**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **51AFAF**, and **00494A** is the 20% darker color. If you saturate the color by 10%, you get **007A7B**, and if you desaturate by 10%, it is **0F7A7B**.

Distribution



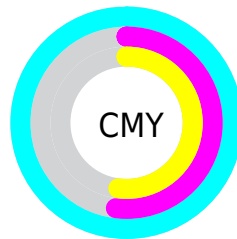
- Red (1%)
- Green (48%)
- Blue (48%)



- Red (1%)
- Yellow (25%)
- Blue (48%)



- Cyan (98%)
- Magenta (1%)
- Yellow (0%)
- Black (52%)



- Cyan (99%)
- Magenta (52%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 037A7B 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 037A7B by changing the saturation by 10% instead.



037A7B



037A7B

FFFFFF



006162



51AFAF



00494A



6ECBCB



003134



8BE7E7



001E1F



A7FFFF



000005



C4FFFF



000000



E2FFFF



037A7B



037A7B



007A7B



0F7A7B

■ 1C7A7B

■ 287A7B

■ 347A7B

■ 417B7B

■ 4D7B7B

■ 597B7B

■ 657B7B

■ 727B7B

Harmonies

Analogous

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



337962



037A7B



007890

Triad

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



037A7B



82628E



86683E

Complementary

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



037A7B



7B0403

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.



96604B



037A7B



965B78

Square

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



037A7B



616B9B



9C5B60



6F703F

Rectangle

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



037A7B



267599



9C5B60



8C6641

Sweetspot

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



037A7B



72A0A1



037B03



355152



D1D1D1



525252

Same Dimension

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



037A7B



009FA1



033F7B



373D3D



007C7D



00FAFC

Inverse Universe

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



7B037A



A1009F



7B3F03



3D373D



7D007C



FC00FA

Previews

White Background



This preview shows how the Hex color 037A7B looks on a white background.

Color Contrast Check

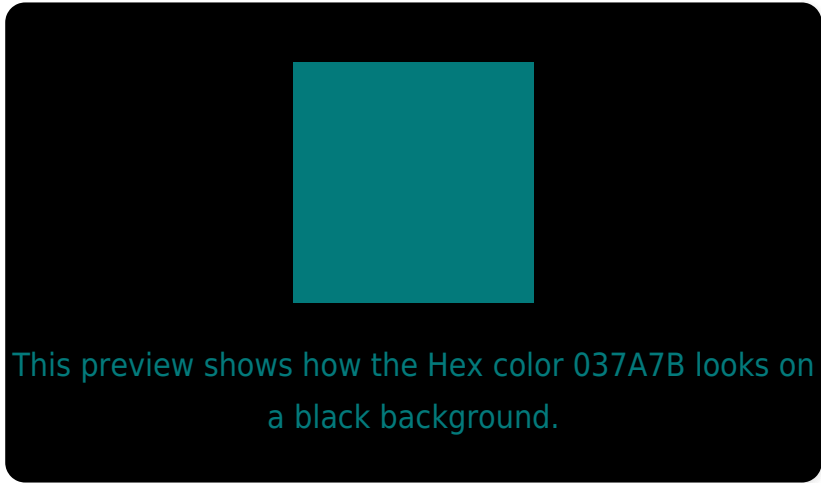
Large Text (above 18pt) WCAG AA ✓ Pass

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

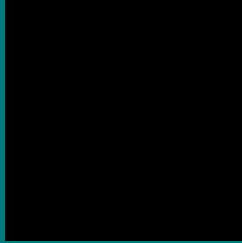
Any Text WCAG AA × Fail

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 037A7B Background



This preview shows how black text looks on a background with the Hex color 037A7B.

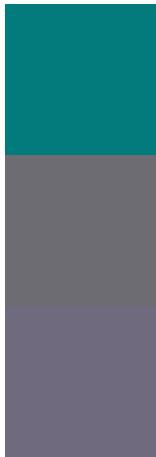


This preview shows how white text looks on a background with the Hex color 037A7B.

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
037A7B

Protanopia
6D6C72

Deuteranopia
6F6A7E



Tritanopia
157983

Trichromacy



Original Color
037A7B

Protanomaly
467175

Deuteranomaly
48707D

Tritanomaly
0E7980

Monochromacy



Original Color
037A7B

Achromatopsia
575757

Achromatomaly
386464

CSS Examples

Text

The CSS property to change the color of the text to Hex 037A7B 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 #037A7B looks like.

```
.text, #text, p{  
    color:#037A7B  
}
```

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 #037A7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #037A7B  
}
```

Border

The CSS property to change the border of an element to Hex 037A7B 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  
#037A7B }
```

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

```
.border{ border-color:#037A7B }
```

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

Here you see how a box with a 4 pixel #037A7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #037A7B; -webkit-box-shadow:4px 4px  
4px 4px #037A7B; box-shadow:4px 4px 4px  
4px #037A7B }
```

Background

The CSS property to change the background color of an element to Hex 037A7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#037A7B }
```

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

```
.background{ background-color:#037A7B }
```

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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