

Converting Colors

Hex(30797A)

Have a look what the booklet for
Hex(30797A) contains.

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Color

Hex(30797A)

Conversions

Conversions Part 1

Format	Color
Hex	30797A
RGB	48, 121, 122
RGB Percent	19%, 47%, 48%
CMY	0.8118, 0.5255, 0.5216
CMYK	0.61, 0.01, 0.00, 0.52
HSL	181°, 44%, 33%
HSV	181°, 61%, 48%
XYZ	11.5691, 15.7083, 20.8346
YIQ	99.2870, -43.8290, -15.1650

Conversions

Conversions Part 2

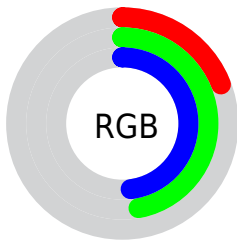
Format	Color
RYB	48, 85, 122
Decimal	3176826
CIELab	46.59, -21.99, -7.34
CIELCh	47, 23.179, 198.452
Yxy	15.7083, 0.2405, 0.3265
Android (android.graphics.Color)	4281366906 (0xFF30797A)
YUV	99.2870, 11.1975, -44.9787
Hunter-Lab	39.6337, -17.2544, -3.4240

Details

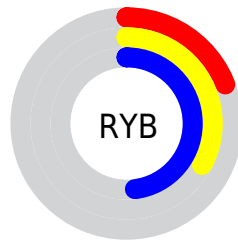
The Hex color **30797A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7A3130**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **67AEAE**, and **004849** is the 20% darker color. If you saturate the color by 10%, you get **24797A**, and if you desaturate by 10%, it is **3C797A**.

Distribution



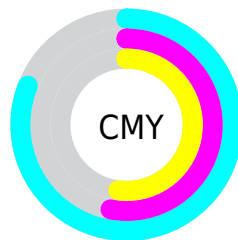
- Red (19%)
- Green (47%)
- Blue (48%)



- Red (19%)
- Yellow (33%)
- Blue (48%)



- Cyan (61%)
- Magenta (1%)
- Yellow (0%)
- Black (52%)



- Cyan (81%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30797A 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 30797A by changing the saturation by 10% instead.

 30797A

 30797A

FFFFFF

 0D6061

 67AEAE

 004849

 82C9CA

 003133

 9EE5E6

 001E1E

 BAE5E6

 000004

 D7FFFF

 000000

 F4FFFF

 30797A

 30797A

 24797A

 3C797A

■ 18797A

■ 48797A

■ 0B797A

■ 55797A

■ 00787A

■ 617A7A

■ 6D7A7A

■ 797A7A

■ 857A7A

■ 927A7A

■ 9E7A7A

Harmonies

Analogous

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



437966



30797A



31778B

Triad

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



30797A



806588



836B48

Complementary

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



30797A



7A3130

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.



906452



30797A



906177

Square

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



30797A



666C93



956063



707149

Rectangle

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



30797A



407492



956063



88684B

Sweetspot

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



30797A



829E9E



307A30



3E4F4F



CFCFCF



4F4F4F

Same Dimension

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



30797A



2B9D9E



30557A



373D3D



007B7D



00F9FC

Inverse Universe

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



7A3079



9E2B9D



7A5530



3D373D



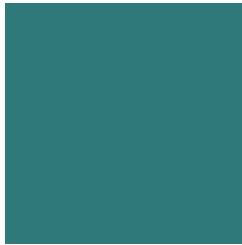
7D007B



FC00F9

Previews

White Background



This preview shows how the Hex color 30797A looks on a white background.

Color Contrast Check

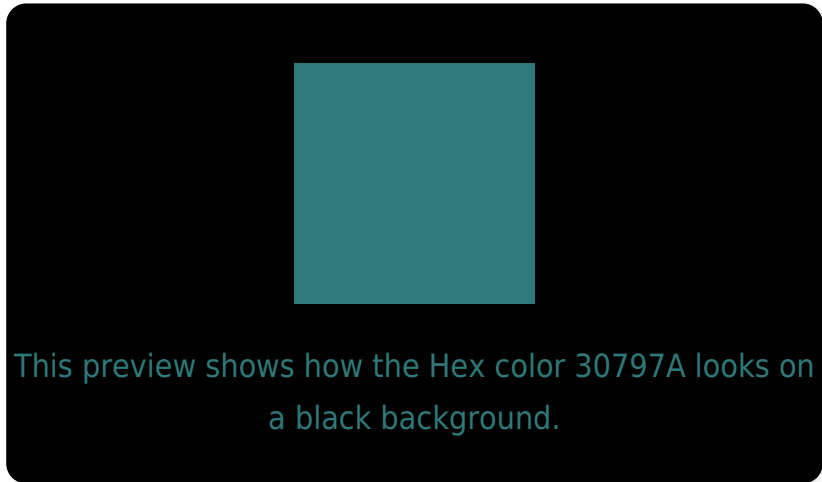
Large Text (above 18pt) WCAG AA ✓ Pass

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

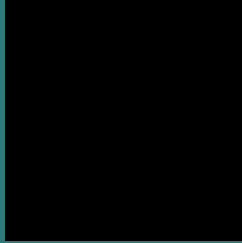
Any Text WCAG AA × Fail

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 30797A Background



This preview shows how black text looks on a background with the Hex color 30797A.

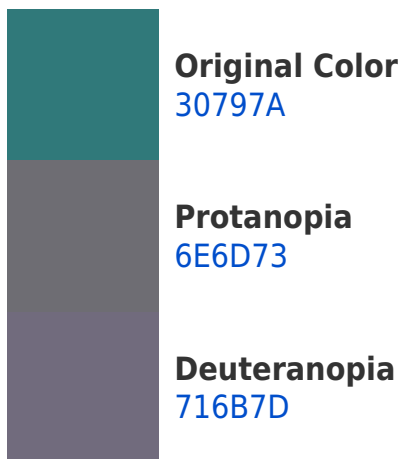


This preview shows how white text looks on a background with the Hex color 30797A.

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



Trichromacy



Original Color
30797A

Protanomaly
577176

Deuteranomaly
59707C

Tritanomaly
32787F

Monochromacy



Original Color
30797A

Achromatopsia
636363

Achromatomaly
506B6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 30797A 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 #30797A looks like.

```
.text, #text, p{  
    color:#30797A  
}
```

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 #30797A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30797A
}
```

Border

The CSS property to change the border of an element to Hex 30797A 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
#30797A }
```

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

```
.border{ border-color:#30797A }
```

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

Here you see how a box with a 4 pixel #30797A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30797A; -webkit-box-shadow:4px 4px  
4px 4px #30797A; box-shadow:4px 4px 4px  
4px #30797A }
```

Background

The CSS property to change the background color of an element to Hex 30797A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30797A }
```

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

```
.background{ background-color:#30797A }
```

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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