

Converting Colors

Hex(38797A)

Have a look what the booklet for
Hex(38797A) contains.

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Color

Hex(38797A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 38797A |
| RGB | 56, 121, 122 |
| RGB Percent | 22%, 47%, 48% |
| CMY | 0.7804, 0.5255, 0.5216 |
| CMYK | 0.54, 0.01, 0.00, 0.52 |
| HSL | 181°, 37%, 35% |
| HSV | 181°, 54%, 48% |
| XYZ | 11.9811, 15.9206, 20.8539 |
| YIQ | 101.6790, -39.0610, -13.4690 |

Conversions

Conversions Part 2

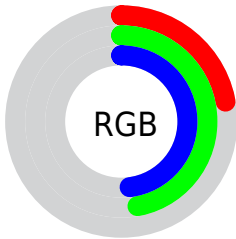
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 56, 89, 122 |
| Decimal | 3701114 |
| CIELab | 46.87, -20.29, -6.89 |
| CIElCh | 47, 21.428, 198.750 |
| Yxy | 15.9206, 0.2457, 0.3265 |
| Android (android.graphics.Color) | 4281891194 (0xFF38797A) |
| YUV | 101.6790, 10.0183, -40.0605 |
| Hunter-Lab | 39.9007, -16.2274, -3.0571 |

Details

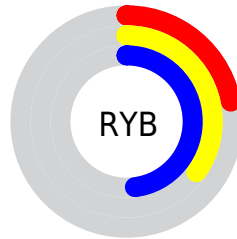
The Hex color **38797A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A3938**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6DAEAE**, and **004849** is the 20% darker color. If you saturate the color by 10%, you get **2C797A**, and if you desaturate by 10%, it is **44797A**.

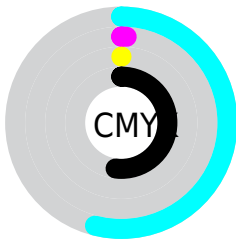
Distribution



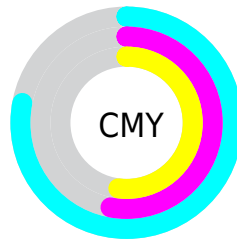
- Red (22%)
- Green (47%)
- Blue (48%)



- Red (22%)
- Yellow (35%)
- Blue (48%)



- Cyan (54%)
- Magenta (1%)
- Yellow (0%)
- Black (52%)



- Cyan (78%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38797A 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 38797A by changing the saturation by 10% instead.



38797A



38797A

FFFFFF



1B6061



6DAEAE



004849



88C9CA



003133



A4E5E6



001D1E



C0FFFF



000004



DCFFFF



000000



FAFFFF



38797A



38797A



2C797A



44797A

■ 20797A

■ 50797A

■ 13787A

■ 5D7A7A

■ 07787A

■ 697A7A

■ 00787A

■ 757A7A

■ 817A7A

■ 8D7A7A

■ 9A7A7A

■ A67B7A

Harmonies

Analogous

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



477967



38797A



3A778A

Triad

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



38797A



7F6787



826C4C

Complementary

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



38797A



7A3938

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.



8F6655



38797A



8E6277

Square

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



38797A



686D91



936264



70724D

Rectangle

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



38797A



467490



936264



876A4E

Sweetspot

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



38797A



859E9E



387A38



404F4F



CFCFCF



4F4F4F

Same Dimension

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



38797A



379D9E



38597A



373D3D



007B7D



00F9FC

Inverse Universe

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



7A3879



9E379D



7A5938



3D373D



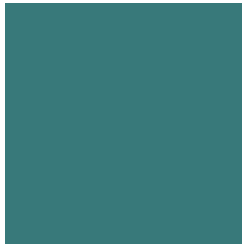
7D007B



FC00F9

Previews

White Background



This preview shows how the Hex color 38797A looks on a white background.

Color Contrast Check

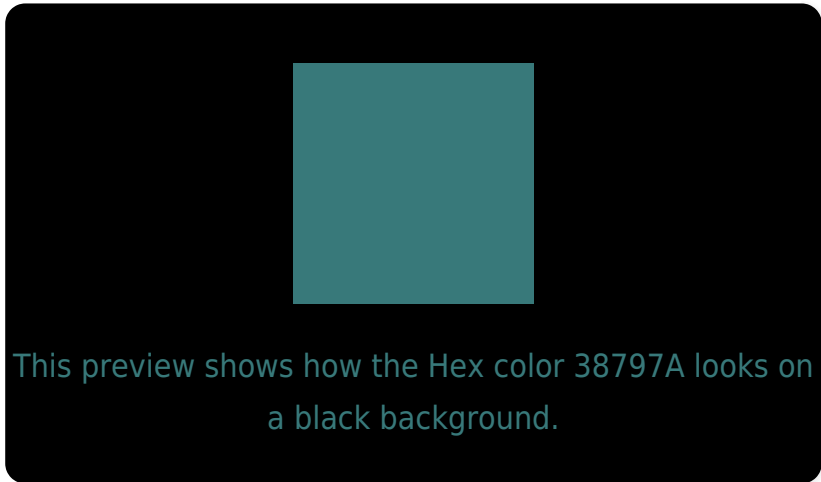
Large Text (above 18pt) WCAG AA ✓ Pass

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

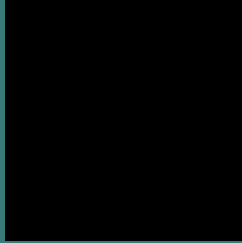
Any Text WCAG AA × Fail

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 38797A Background



This preview shows how black text looks on a background with the Hex color 38797A.



This preview shows how white text looks on a background with the Hex color 38797A.

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
3B7882

Trichromacy



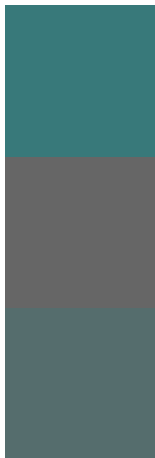
Original Color
38797A

Protanomaly
5B7276

Deuteranomaly
5E717C

Tritanomaly
3A787F

Monochromacy



Original Color
38797A

Achromatopsia
666666

Achromatomaly
556D6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 38797A 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 #38797A looks like.

```
.text, #text, p{  
    color:#38797A  
}
```

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 #38797A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38797A
}
```

Border

The CSS property to change the border of an element to Hex 38797A 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
#38797A }
```

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

```
.border{ border-color:#38797A }
```

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

Here you see how a box with a 4 pixel #38797A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38797A; -webkit-box-shadow:4px 4px  
4px 4px #38797A; box-shadow:4px 4px 4px  
4px #38797A }
```

Background

The CSS property to change the background color of an element to Hex 38797A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38797A }
```

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

```
.background{ background-color:#38797A }
```

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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