

Converting Colors

Hex(38A796)

Have a look what the booklet for
Hex(38A796) contains.

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Color

Hex(38A796)

Conversions

Conversions Part 1

Format	Color
Hex	38A796
RGB	56, 167, 150
RGB Percent	22%, 65%, 59%
CMY	0.7804, 0.3451, 0.4118
CMYK	0.66, 0.00, 0.10, 0.35
HSL	171°, 50%, 44%
HSV	171°, 66%, 65%
XYZ	20.9546, 30.6802, 33.6716
YIQ	131.8730, -60.6990, -28.8190

Conversions

Conversions Part 2

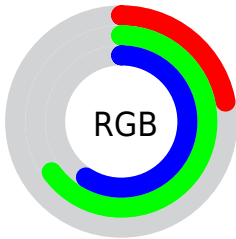
Format	Color
RYB	56, 116, 167
Decimal	3712918
CIELab	62.24, -35.17, -0.36
CIELCh	62, 35.176, 180.582
Yxy	30.6802, 0.2456, 0.3596
Android (android.graphics.Color)	4281902998 (0xFF38A796)
YUV	131.8730, 8.9366, -66.5406
Hunter-Lab	55.3897, -29.4032, 2.7302

Details

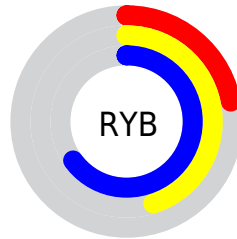
The Hex color **38A796** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A73849**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **75DFCC**, and **007263** is the 20% darker color. If you saturate the color by 10%, you get **27A793**, and if you desaturate by 10%, it is **49A799**.

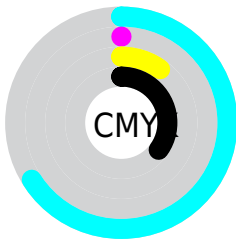
Distribution



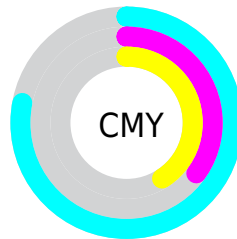
- Red (22%)
- Green (65%)
- Blue (59%)



- Red (22%)
- Yellow (45%)
- Blue (65%)



- Cyan (66%)
- Magenta (0%)
- Yellow (10%)
- Black (35%)



- Cyan (78%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38A796 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 38A796 by changing the saturation by 10% instead.

 38A796

 38A796


FFFFFF

 0B8C7C


 75DFCC

 007263

 92FCE8

 00594C

 AFFFFFF

 004135

 CCFFFF

 002A20

 E9FFFF

 000F09

 000000

 38A796

 38A796

 27A793

 49A799

■ 17A791

■ 59A79B

■ 06A78E

■ 6AA79E

■ 00A78D

■ 7BA7A0

■ 8BA7A3

■ 9CA7A5

■ ADA7A8

■ BEA7AA

■ CEA7AD

Harmonies

Analogous

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



64A477



38A796



00A6B5

Triad

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



38A796



9B8ECC



C48A61

Complementary

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



38A796



A73849

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.



D28178



38A796



BE83B6

Square

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



38A796



6999D4



D17E97



AA9557

Rectangle

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



38A796



18A4C6



D17E97



CA8667

Sweetspot

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



38A796



ADD9D2



4AA738



536E6A



EDEDED



6E6E6E

Same Dimension

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



38A796



2BD9BE



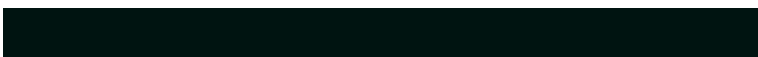
3882A7



4C5453



00947D



001411

Inverse Universe

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



A73849



D92B46



A75D38



544C4D



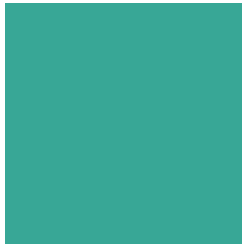
940017



140003

Previews

White Background



This preview shows how the Hex color 38A796 looks on a white background.

Color Contrast Check

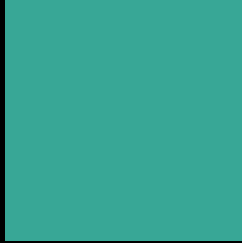
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 38A796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

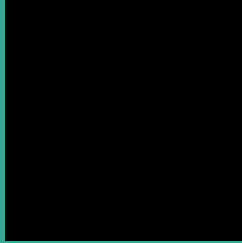
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 38A796 Background



This preview shows how black text looks on a background with the Hex color 38A796.

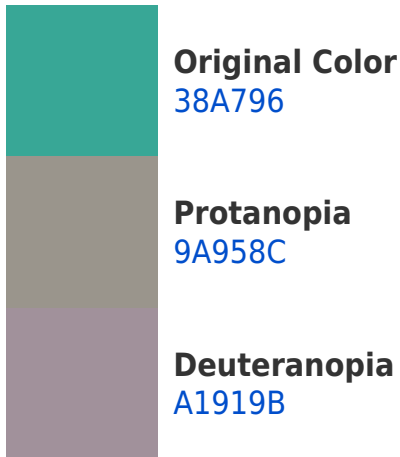


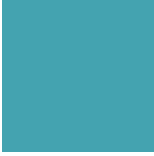
This preview shows how white text looks on a background with the Hex color 38A796.

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](#).

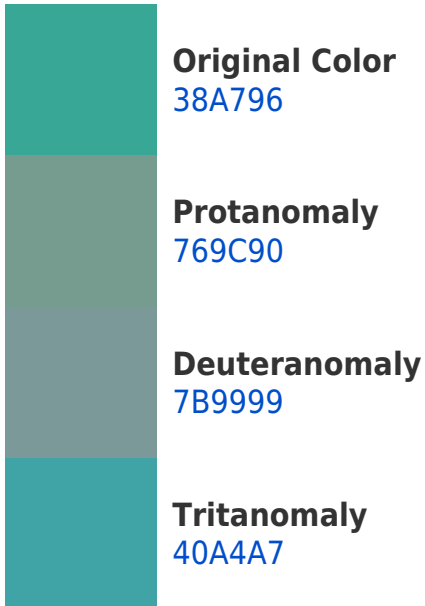
Dichromacy



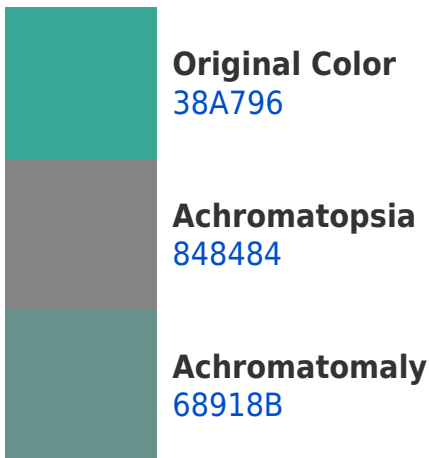


Tritanopia
44A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 38A796 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 #38A796 looks like.

```
.text, #text, p{  
    color:#38A796  
}
```

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 #38A796 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38A796
}
```

Border

The CSS property to change the border of an element to Hex 38A796 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
#38A796 }
```

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

```
.border{ border-color:#38A796 }
```

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

Here you see how a box with a 4 pixel #38A796 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38A796; -webkit-box-shadow:4px 4px  
4px 4px #38A796; box-shadow:4px 4px 4px  
4px #38A796 }
```

Background

The CSS property to change the background color of an element to Hex 38A796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38A796 }
```

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

```
.background{ background-color:#38A796 }
```

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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