

Converting Colors

Hex(37A4A8)

Have a look what the booklet for
Hex(37A4A8) contains.

Hex(37A4A8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(37A4A8)

Conversions

Conversions Part 1

Format	Color
Hex	37A4A8
RGB	55, 164, 168
RGB Percent	22%, 64%, 66%
CMY	0.7843, 0.3569, 0.3412
CMYK	0.67, 0.02, 0.00, 0.34
HSL	182°, 51%, 44%
HSV	182°, 67%, 66%
XYZ	21.9189, 30.1903, 41.7179
YIQ	131.8650, -66.2480, -21.8640

Conversions

Conversions Part 2

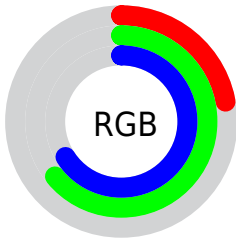
Format	Color
RYB	55, 110, 168
Decimal	3646632
CIELab	61.82, -28.81, -11.09
CIELCh	62, 30.867, 201.061
Yxy	30.1903, 0.2336, 0.3218
Android (android.graphics.Color)	4281836712 (0xFF37A4A8)
YUV	131.8650, 17.8146, -67.4106
Hunter-Lab	54.9457, -24.9479, -6.5543




Details

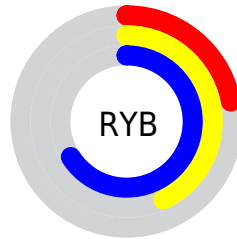
The Hex color **37A4A8** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A83B37**, and the grayscale version is **848484**.




A 20% lighter version of the original color is **75DBDF**, and **007074** is the 20% darker color. If you saturate the color by 10%, you get **26A3A8**, and if you desaturate by 10%, it is **48A5A8**.

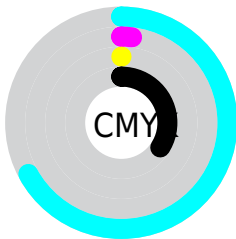
Distribution







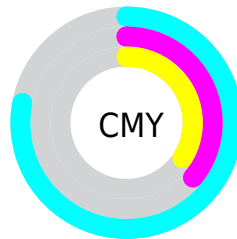
-  Red (22%)
-  Green (64%)
-  Blue (66%)






-  Red (22%)
-  Yellow (43%)
-  Blue (66%)



-  Cyan (67%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (34%)



-  Cyan (78%)
-  Magenta (36%)
-  Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37A4A8 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 37A4A8 by changing the saturation by 10% instead.



37A4A8



37A4A8

FFFFFF



04898E



75DBDF



007074



92F8FC



00575B



AFFFFFF



003F44



CDFFFF



00292E



EBFFFF



000D1A



000000



37A4A8



37A4A8



26A3A8



48A5A8

■ 15A3A8

■ 59A5A8

■ 05A2A8

■ 69A6A8

■ 00A2A8

■ 7AA6A8

■ 8BA7A8

■ 9CA8A8

■ ADA8A8

■ BDA9A8

■ CEA9A8

Harmonies

Analogous

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



54A48C



37A4A8



3CA1BF

Triad

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



37A4A8



B088B8



AF915F

Complementary

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



37A4A8



A83B37

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.



C3886C



37A4A8



C5819F

Square

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



37A4A8



8D91C8



CB8183



949A62

Rectangle

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



37A4A8



549DC8



CB8183



B78E62

Sweetspot

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



37A4A8



AFDADB



37A83B



536D6E



EDEDED



6E6E6E

Same Dimension

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



37A4A8



2AD5DB



376CA8



4C5454



008F94



001414

Inverse Universe

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



A837A4



DB2AD5



A87337



544C54



94008F



140014

Previews

White Background



This preview shows how the Hex color 37A4A8 looks on a white background.

Color Contrast Check

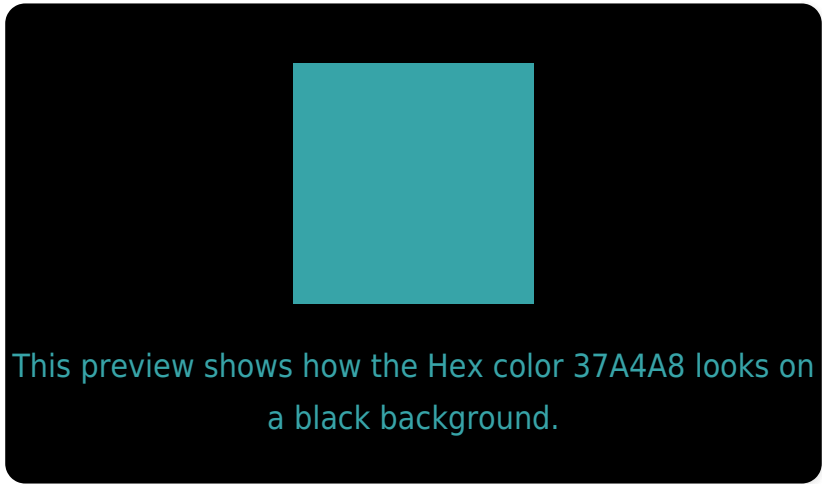
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

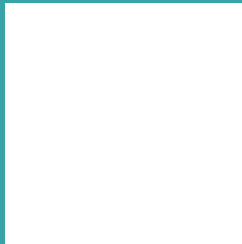
Any Text WCAG AAA ✓ Pass

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

Hex 37A4A8 Background



This preview shows how black text looks on a background with the Hex color 37A4A8.

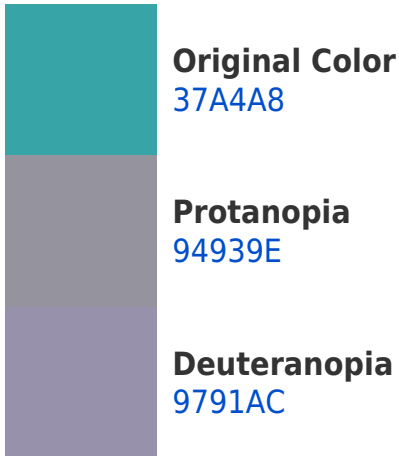


This preview shows how white text looks on a background with the Hex color 37A4A8.

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
3BA3B0

Trichromacy



Original Color
37A4A8



Protanomaly
7299A2



Deuteranomaly
7498AB



Tritanomaly
3AA3AD

Monochromacy



Original Color
37A4A8



Achromatopsia
848484



Achromatomaly
689091

CSS Examples

Text

The CSS property to change the color of the text to Hex 37A4A8 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 #37A4A8 looks like.

```
.text, #text, p{  
    color:#37A4A8  
}
```

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 #37A4A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37A4A8
}
```

Border

The CSS property to change the border of an element to Hex 37A4A8 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
#37A4A8 }
```

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

```
.border{ border-color:#37A4A8 }
```

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

Here you see how a box with a 4 pixel #37A4A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37A4A8; -webkit-box-shadow:4px 4px  
4px 4px #37A4A8; box-shadow:4px 4px 4px  
4px #37A4A8 }
```

Background

The CSS property to change the background color of an element to Hex 37A4A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37A4A8 }
```

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

```
.background{ background-color:#37A4A8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor