

Converting Colors

Hex(37A9A7)

Have a look what the booklet for
Hex(37A9A7) contains.

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Color

Hex(37A9A7)

Conversions

Conversions Part 1

Format	Color
Hex	37A9A7
RGB	55, 169, 167
RGB Percent	22%, 66%, 65%
CMY	0.7843, 0.3373, 0.3451
CMYK	0.67, 0.00, 0.01, 0.34
HSL	179°, 51%, 44%
HSV	179°, 67%, 66%
XYZ	22.7386, 31.9782, 41.5332
YIQ	134.6860, -67.3020, -24.7900

Conversions

Conversions Part 2

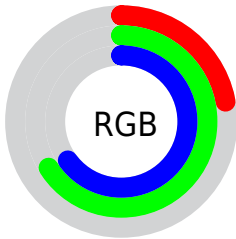
Format	Color
R _Y B	55, 113, 169
Decimal	3647911
CIE Lab	63.32, -31.52, -8.28
CIE LCh	63, 32.594, 194.716
Yxy	31.9782, 0.2362, 0.3322
Android (android.graphics.Color)	4281837991 (0xFF37A9A7)
YUV	134.6860, 15.9308, -69.8846
Hunter-Lab	56.5493, -27.1860, -3.9617

Details

The Hex color **37A9A7** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A93739**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **75E1DE**, and **007473** is the 20% darker color. If you saturate the color by 10%, you get **26A9A7**, and if you desaturate by 10%, it is **48A9A7**.

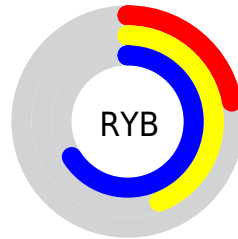
Distribution



Red (22%)

Green (66%)

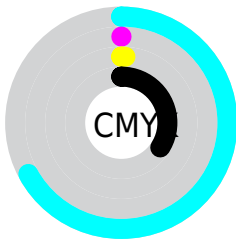
Blue (65%)



Red (22%)

Yellow (44%)

Blue (66%)

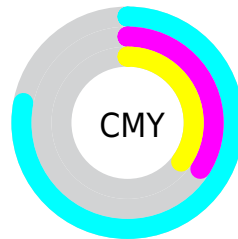


Cyan (67%)

Magenta (0%)

Yellow (1%)

Black (34%)



Cyan (78%)

Magenta (34%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37A9A7 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 37A9A7 by changing the saturation by 10% instead.

■ 37A9A7

■ 37A9A7

FFFFFF

■ 038E8D

■ 75E1DE

■ 007473

■ 93FEFB

■ 005B5B

■ B0FFFF

■ 004343

■ CEFFFF

■ 002C2D

■ ECFFFF

■ 001519

■ 000000

■ 37A9A7

■ 37A9A7

■ 26A9A7

■ 48A9A7

■ 15A9A6

■ 59A9A8

■ 04A9A6

■ 6AA9A8

■ 00A9A6

■ 7BA9A8

■ 8BA9A8

■ 9CA9A9

■ ADA9A9

■ BEA9A9

■ CFA9AA

Harmonies

Analogous

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



5AA889



37A9A7



30A7C1

Triad

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



37A9A7



AF8DC3



BA9262

Complementary

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



37A9A7



A93739

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.



CD8972



37A9A7



C985A9

Square

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



37A9A7



8797D1



D2838C



9F9C60

Rectangle

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



37A9A7



49A3CD



D2838C



C18F66

Sweetspot

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



37A9A7



AFDBDB



3BA937



536E6D



EDEDED



6E6E6E

Same Dimension

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



37A9A7



2ADBD8



3774A9



4C5454



009491



001414

Inverse Universe

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



A93739



DB2A2D



A96C37



544C4C



940003



140000

Previews

White Background



This preview shows how the Hex color 37A9A7 looks on a white background.

Color Contrast Check

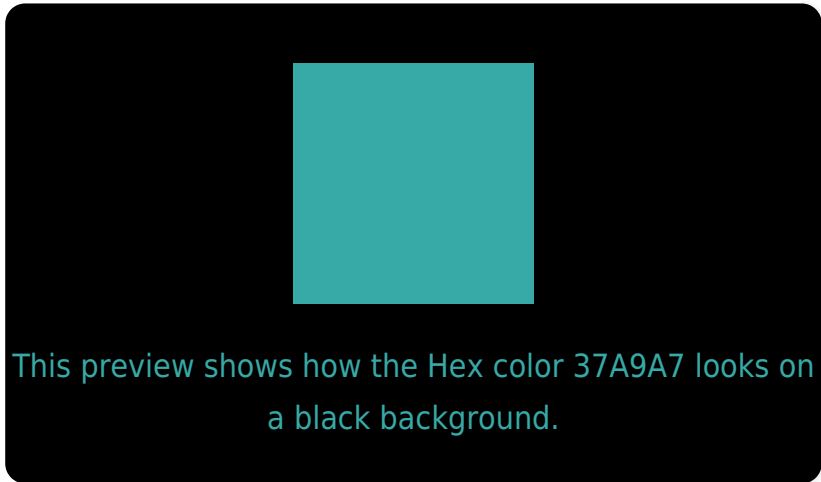
Large Text (above 18pt) WCAG AA × Fail

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

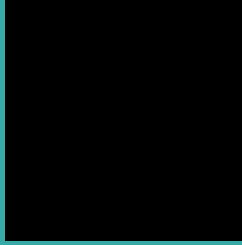
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

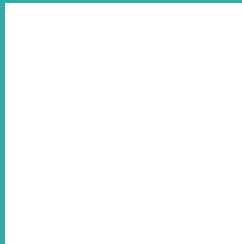
Any Text WCAG AAA ✓ Pass

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

Hex 37A9A7 Background



This preview shows how black text looks on a background with the Hex color 37A9A7.

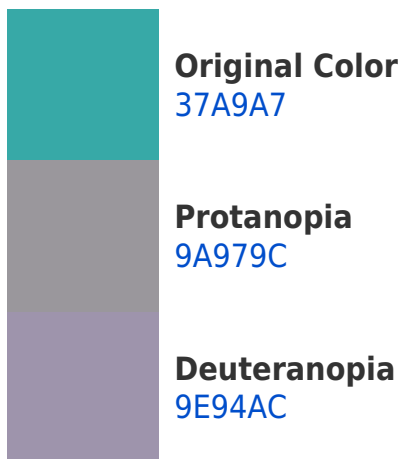


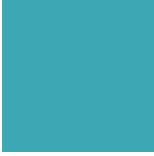
This preview shows how white text looks on a background with the Hex color 37A9A7.

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
3EA7B4

Trichromacy



Original Color
37A9A7



Protanomaly
769EA0



Deuteranomaly
799CAA



Tritanomaly
3BA8AF

Monochromacy



Original Color
37A9A7



Achromatopsia
878787



Achromatomaly
6A9393

CSS Examples

Text

The CSS property to change the color of the text to Hex 37A9A7 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 #37A9A7 looks like.

```
.text, #text, p{  
    color:#37A9A7  
}
```

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 #37A9A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37A9A7
}
```

Border

The CSS property to change the border of an element to Hex 37A9A7 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
#37A9A7 }
```

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

```
.border{ border-color:#37A9A7 }
```

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

Here you see how a box with a 4 pixel #37A9A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37A9A7; -webkit-box-shadow:4px 4px  
4px 4px #37A9A7; box-shadow:4px 4px 4px  
4px #37A9A7 }
```

Background

The CSS property to change the background color of an element to Hex 37A9A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37A9A7 }
```

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

```
.background{ background-color:#37A9A7 }
```

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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