

Converting Colors

Hex(37A7B7)

Have a look what the booklet for
Hex(37A7B7) contains.

Hex(37A7B7)	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(37A7B7)

Conversions

Conversions Part 1

Format	Color
Hex	37A7B7
RGB	55, 167, 183
RGB Percent	22%, 65%, 72%
CMY	0.7843, 0.3451, 0.2824
CMYK	0.70, 0.09, 0.00, 0.28
HSL	188°, 54%, 47%
HSV	188°, 70%, 72%
XYZ	23.9415, 31.8686, 49.6891
YIQ	135.3360, -71.8880, -18.7680

Conversions

Conversions Part 2

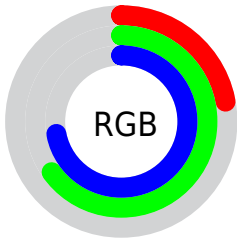
Format	Color
R _Y B	55, 115, 183
Decimal	3647415
CIE Lab	63.23, -25.75, -17.37
CIE LCh	63, 31.064, 213.997
Yxy	31.8686, 0.2269, 0.3021
Android (android.graphics.Color)	4281837495 (0xFF37A7B7)
YUV	135.3360, 23.4984, -70.4547
Hunter-Lab	56.4522, -23.0892, -12.6704

Details

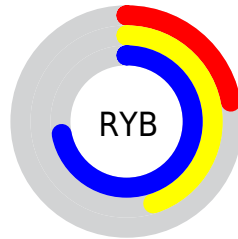
The Hex color **37A7B7** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B74737**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **77DEEF**, and **007382** is the 20% darker color. If you saturate the color by 10%, you get **25A5B7**, and if you desaturate by 10%, it is **49A9B7**.

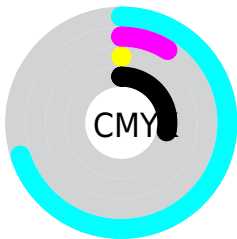
Distribution



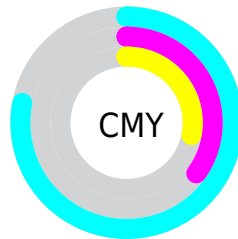
- Red (22%)
- Green (65%)
- Blue (72%)



- Red (22%)
- Yellow (45%)
- Blue (72%)



- Cyan (70%)
- Magenta (9%)
- Yellow (0%)
- Black (28%)



- Cyan (78%)
- Magenta (35%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37A7B7 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 37A7B7 by changing the saturation by 10% instead.

 37A7B7

 37A7B7

FFFFFF

 008C9C

 77DEEF

 007382

 94FBFF

 005A69

 B2FFFF

 004251

 D0FFFF

 002B3A

 EEEFFF

 001524

 00010E

 000000

 37A7B7

 37A7B7

■ 25A5B7

■ 49A9B7

■ 12A2B7

■ 5CACB7

■ 00A0B7

■ 6EAEB7

■ 80B0B7

■ 93B2B7

■ A5B5B7

■ B7B7B7

■ C9B9B7

■ DCBCB7

Harmonies

Analogous

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



49A89C



37A7B7



4EA2CA

Triad

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



37A7B7



BF88B2



A89962

Complementary

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



37A7B7



B74737

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.



C08F68



37A7B7



CE8496

Square

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



37A7B7



A191C7



CE877C



8BA16A

Rectangle

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



37A7B7



6A9DD0



CE877C



B19562

Sweetspot

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



37A7B7



BBE7ED



37B746



5A7478



F7F7F7



787878

Same Dimension

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



37A7B7



26D4ED



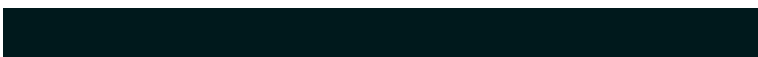
3768B7



535B5C



00889C



00191C

Inverse Universe

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



B737A7



ED26D4



B78637



5C535B



9C0088



1C0019

Previews

White Background



This preview shows how the Hex color 37A7B7 looks on a white background.

Color Contrast Check

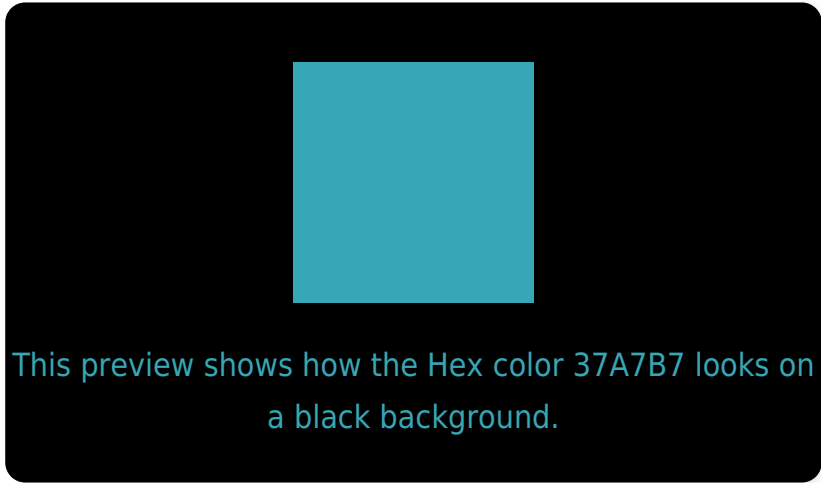
Large Text (above 18pt) WCAG AA × Fail

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

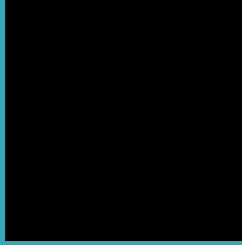
Any Text WCAG AA ✓ Pass

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 37A7B7 Background



This preview shows how black text looks on a background with the Hex color 37A7B7.

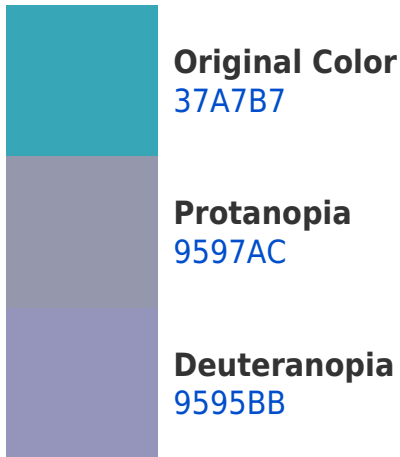


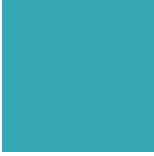
This preview shows how white text looks on a background with the Hex color 37A7B7.

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



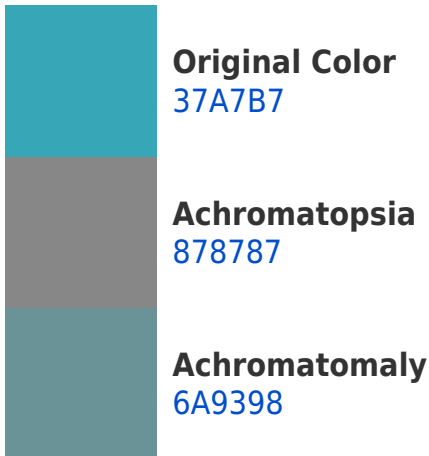


Tritanopia
36A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37A7B7 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 #37A7B7 looks like.

```
.text, #text, p{  
    color:#37A7B7  
}
```

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 #37A7B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37A7B7
}
```

Border

The CSS property to change the border of an element to Hex 37A7B7 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
#37A7B7 }
```

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

```
.border{ border-color:#37A7B7 }
```

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

Here you see how a box with a 4 pixel #37A7B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37A7B7; -webkit-box-shadow:4px 4px  
4px 4px #37A7B7; box-shadow:4px 4px 4px  
4px #37A7B7 }
```

Background

The CSS property to change the background color of an element to Hex 37A7B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37A7B7 }
```

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

```
.background{ background-color:#37A7B7 }
```

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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