

# Converting Colors

Hex(37A9C6)

Have a look what the booklet for  
Hex(37A9C6) contains.

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# **Color**

**Hex(37A9C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37A9C6
RGB	55, 169, 198
RGB Percent	22%, 66%, 78%
CMY	0.7843, 0.3373, 0.2235
CMYK	0.72, 0.15, 0.00, 0.22
HSL	192°, 57%, 50%
HSV	192°, 72%, 78%
XYZ	25.9566, 33.2654, 58.4789
YIQ	138.2200, -77.2530, -15.1490

# Conversions

## Conversions Part 2

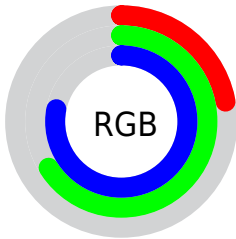
Format	Color
<a href="#">RYB</a>	<a href="#">55, 118, 198</a>
Decimal	<a href="#">3647942</a>
CIELab	<a href="#">64.38, -22.05, -23.99</a>
CIElCh	<a href="#">64, 32.587, 227.415</a>
Yxy	<a href="#">33.2654, 0.2205, 0.2826</a>
Android (android.graphics.Color)	<a href="#">4281838022 (0xFF37A9C6)</a>
YUV	<a href="#">138.2200, 29.4715, -72.9839</a>
Hunter-Lab	<a href="#">57.6761, -20.6012, -19.7419</a>

# Details

The Hex color **37A9C6** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **C65437**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **79E0FF**, and **007590** is the 20% darker color. If you saturate the color by 10%, you get **23A5C6**, and if you desaturate by 10%, it is **4BADC6**.

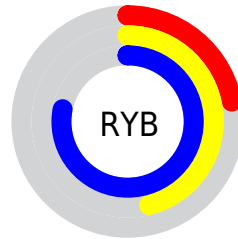
# Distribution



Red (22%)

Green (66%)

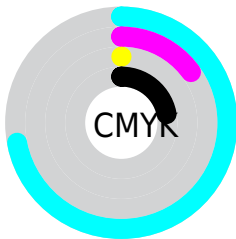
Blue (78%)



Red (22%)

Yellow (46%)

Blue (78%)

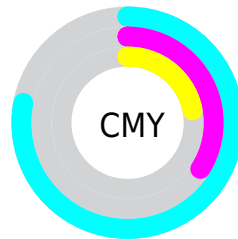


Cyan (72%)

Magenta (15%)

Yellow (0%)

Black (22%)



Cyan (78%)

Magenta (34%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37A9C6 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 37A9C6 by changing the saturation by 10% instead.



 37A9C6

 37A9C6

FFFFFF

 008EAB

 79E0FF

 007590

 97FDFF

 005C76

 B5FFFF

 00445E

 D3FFFF

 002D46

 F1FFFF

 001A2F

 00011A

 000000

 37A9C6

 37A9C6

■ 23A5C6

■ 4BADDC6

■ 0FA1C6

■ 5FB1C6

■ 009EC6

■ 72B5C6

■ 86B9C6

■ 9ABDC6

■ AEC1C6

■ C2C5C6

■ D5C9C6

■ E9CDC6

# Harmonies

## Analogous

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



38ACAC



37A9C6



60A3D4

# Triad

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



37A9C6



CD87AA



9FA064

# Complementary

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



37A9C6



C65437

# 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.



BB9663



37A9C6



D6868C

# Square

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



37A9C6



B58FC4



CE8C72



7EA774

# Rectangle

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



37A9C6



7F9CD5



CE8C72



A99D62

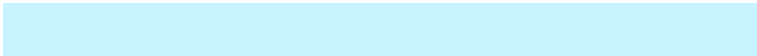


# Sweetspot

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



37A9C6



C7F4FF



37C654



5E7980



000000



808080



# Same Dimension

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



37A9C6



21D2FF



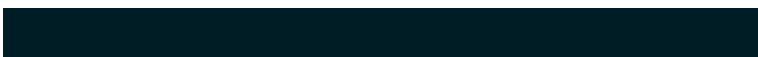
3762C6



5A6163



0082A3



001C24



# Inverse Universe

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



C637A9



FF21D2



C69B37



635A61



A30082



24001C



# Previews

## White Background



This preview shows how the Hex color 37A9C6 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 37A9C6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

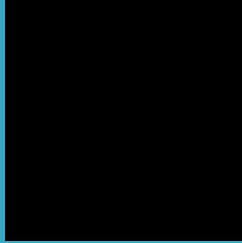
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 37A9C6 Background



This preview shows how black text looks on a background with the Hex color 37A9C6.

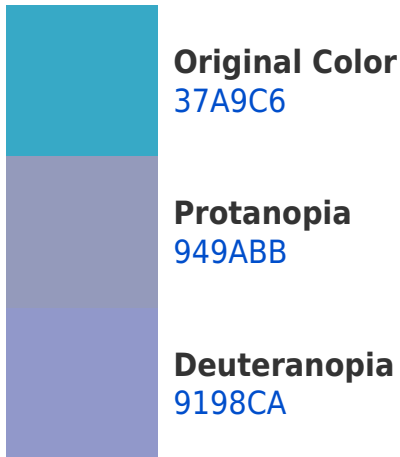


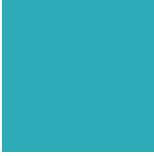
This preview shows how white text looks on a background with the Hex color 37A9C6.

# 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](#).

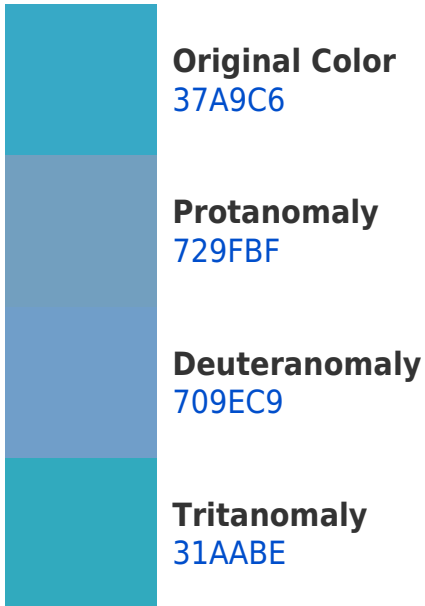
## Dichromacy



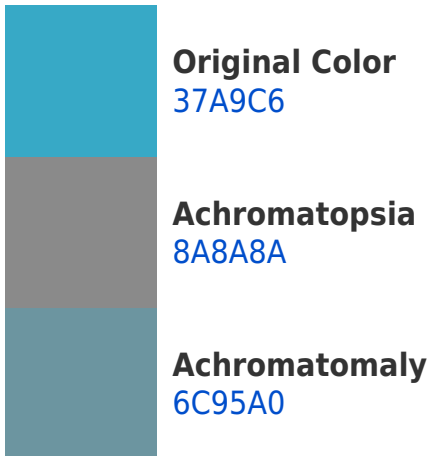


**Tritanopia**  
2EABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37A9C6 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 #37A9C6 looks like.

```
.text, #text, p{  
    color:#37A9C6  
}
```

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 #37A9C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37A9C6
}
```

## Border

The CSS property to change the border of an element to Hex 37A9C6 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
#37A9C6 }
```

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

```
.border{ border-color:#37A9C6 }
```

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

Here you see how a box with a 4 pixel #37A9C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37A9C6; -webkit-box-shadow:4px 4px  
4px 4px #37A9C6; box-shadow:4px 4px 4px  
4px #37A9C6 }
```

# Background

The CSS property to change the background color of an element to Hex 37A9C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37A9C6 }
```

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

```
.background{ background-color:#37A9C6 }
```

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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