

# Converting Colors

Hex(37BAB9)

Have a look what the booklet for  
Hex(37BAB9) contains.

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**Color**

**Hex(37BAB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37BAB9
RGB	55, 186, 185
RGB Percent	22%, 73%, 73%
CMY	0.7843, 0.2706, 0.2745
CMYK	0.70, 0.00, 0.01, 0.27
HSL	180°, 54%, 47%
HSV	180°, 70%, 73%
XYZ	27.8914, 39.4328, 52.0402
YIQ	146.7170, -77.7550, -28.0830

# Conversions

## Conversions Part 2

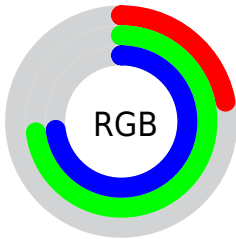
Format	Color
R <sub>YB</sub>	55, 121, 186
Decimal	3652281
CIE <sub>Lab</sub>	69.06, -34.39, -9.71
CIE <sub>LCh</sub>	69, 35.736, 195.766
Y <sub>xy</sub>	39.4328, 0.2337, 0.3304
Android (android.graphics.Color)	4281842361 (0xFF37BAB9)
YUV	146.7170, 18.8735, -80.4358
Hunter-Lab	62.7956, -30.6093, -5.1782

# Details

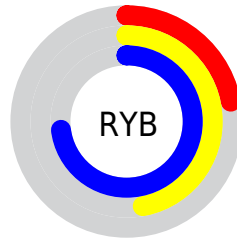
The Hex color **37BAB9** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BA3738**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **79F3F1**, and **008484** is the 20% darker color. If you saturate the color by 10%, you get **24BAB9**, and if you desaturate by 10%, it is **4ABAB9**.

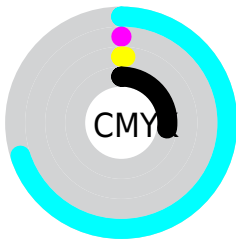
# Distribution



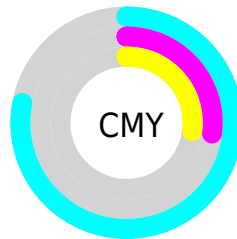
- Red (22%)
- Green (73%)
- Blue (73%)



- Red (22%)
- Yellow (47%)
- Blue (73%)



- Cyan (70%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



- Cyan (78%)
- Magenta (27%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37BAB9 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 37BAB9 by changing the saturation by 10% instead.



 37BAB9

 37BAB9

FFFFFF

 009F9E

 79F3F1

 008484

 97FFFF

 006A6B

 B5FFFF

 005253

 D4FFFF

 003A3C

 F2FFFF

 002526

 000112

 000000

 37BAB9

 37BAB9

■ 24BAB9

■ 4ABAB9

■ 12BAB9

■ 5CBAB9

■ 00BAB9

■ 6FBAB9

■ 81BABA

■ 94BABA

■ A7BABA

■ B9BABA

■ CCBABA

■ DEBABA

# Harmonies

## Analogous

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



60B998



37BAB9



31B7D6

# Triad

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



37BAB9



C29AD6



CCA16A

# Complementary

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



37BAB9



BA3738

# 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.



E1977C



37BAB9



DE91B9

# Square

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



37BAB9



96A6E7



E89099



ADAC69

# Rectangle

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



37BAB9



4FB3E3



E89099



D49E6E



# Sweetspot

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



37BAB9



BFF2F2



39BA37



5C7A7A



FAFAFA



7A7A7A



# Same Dimension

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



37BAB9



24F2F1



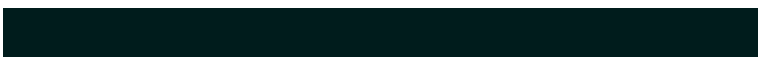
377BBA



535C5C



009C9A



001C1C



# Inverse Universe

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



BA3738



F22426



BA7637



5C5353



9C0001

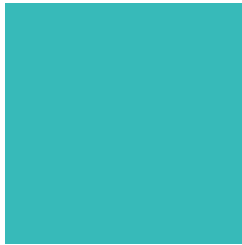


1C0000



# Previews

## White Background



This preview shows how the Hex color 37BAB9 looks on a white background.

## Color Contrast Check

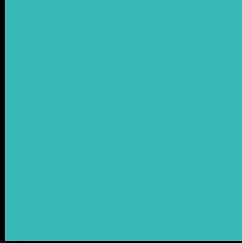
Large Text (above 18pt) WCAG AA × Fail

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 37BAB9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

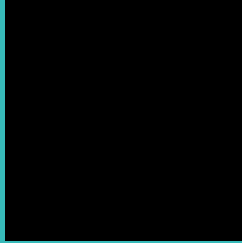
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

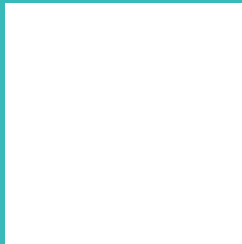
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 37BAB9 Background



This preview shows how black text looks on a background with the Hex color 37BAB9.

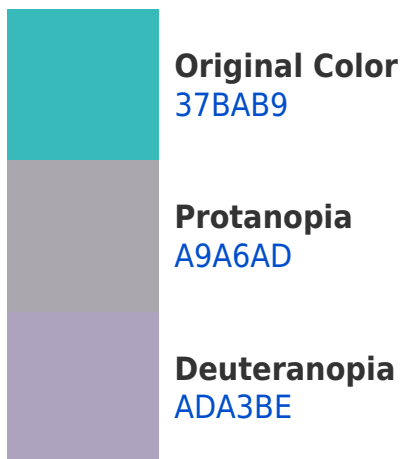


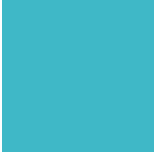
This preview shows how white text looks on a background with the Hex color 37BAB9.

# 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



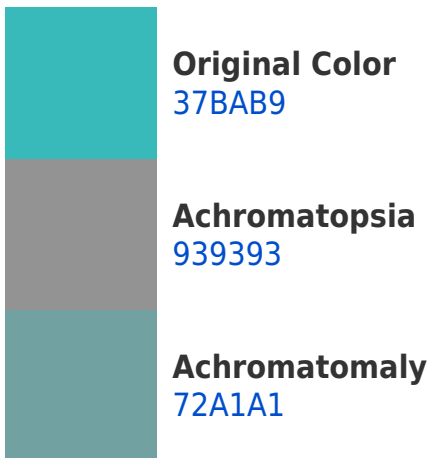


**Tritanopia**  
3FB8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37BAB9 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 #37BAB9 looks like.

```
.text, #text, p{  
    color:#37BAB9  
}
```

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 #37BAB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37BAB9
}
```

## Border

The CSS property to change the border of an element to Hex 37BAB9 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
#37BAB9 }
```

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

```
.border{ border-color:#37BAB9 }
```

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

Here you see how a box with a 4 pixel #37BAB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37BAB9; -webkit-box-shadow:4px 4px  
4px 4px #37BAB9; box-shadow:4px 4px 4px  
4px #37BAB9 }
```

# Background

The CSS property to change the background color of an element to Hex 37BAB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37BAB9 }
```

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

```
.background{ background-color:#37BAB9 }
```

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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