

Converting Colors

Hex(37B6A9)

Have a look what the booklet for
Hex(37B6A9) contains.

Hex(37B6A9)	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(37B6A9)

Conversions

Conversions Part 1

Format	Color
Hex	37B6A9
RGB	55, 182, 169
RGB Percent	22%, 71%, 66%
CMY	0.7843, 0.2863, 0.3373
CMYK	0.70, 0.00, 0.07, 0.29
HSL	174°, 54%, 46%
HSV	174°, 70%, 71%
XYZ	25.4649, 37.1327, 43.3613
YIQ	142.5450, -71.5190, -30.9670

Conversions

Conversions Part 2

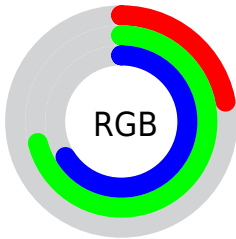
Format	Color
RYB	55, 122, 182
Decimal	3651241
CIELab	67.38, -37.05, -3.39
CIELCh	67, 37.203, 185.231
Yxy	37.1327, 0.2403, 0.3504
Android (android.graphics.Color)	4281841321 (0xFF37B6A9)
YUV	142.5450, 13.0423, -76.7770
Hunter-Lab	60.9366, -32.0453, 0.4660

Details

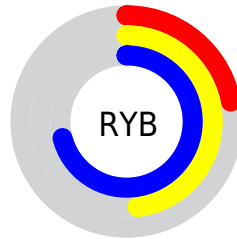
The Hex color **37B6A9** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B63744**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **77EFE0**, and **008075** is the 20% darker color. If you saturate the color by 10%, you get **25B6A7**, and if you desaturate by 10%, it is **49B6AB**.

Distribution



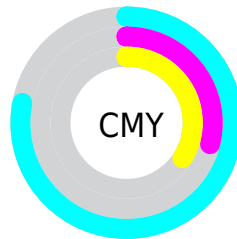
- Red (22%)
- Green (71%)
- Blue (66%)



- Red (22%)
- Yellow (48%)
- Blue (71%)



- Cyan (70%)
- Magenta (0%)
- Yellow (7%)
- Black (29%)



- Cyan (78%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37B6A9 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 37B6A9 by changing the saturation by 10% instead.

 37B6A9

 37B6A9

FFFFFF

 009B8F

 77EFE0

 008075

 95FFFD

 00675C

 B3FFFF

 004E45

 D1FFFF

 00362F

 EFFFFFFF

 00221A

 000000

 37B6A9

 37B6A9

 25B6A7

 49B6AB

■ 13B6A5

■ 5BB6AD

■ 00B6A3

■ 6EB6AF

■ 80B6B0

■ 92B6B2

■ A4B6B4

■ B6B6B6

■ C9B6B8

■ DBB6BA

Harmonies

Analogous

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



67B487



37B6A9



02B5CA

Triad

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



37B6A9



B099DB



D19868

Complementary

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



37B6A9



B63744

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.



E28E7F



37B6A9



D38EC1

Square

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



37B6A9



7DA5E6



E48A9F



B4A460

Rectangle

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



37B6A9



29B1DA



E48A9F



D8956E

Sweetspot

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



37B6A9



BBEDE8



46B637



5A7875



F7F7F7



787878

Same Dimension

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



37B6A9



26EDD9



3785B6



535C5B



009C8C



001C19

Inverse Universe

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



B63744



ED263A



B66837



5C5354



9C0010



1C0003

Previews

White Background



This preview shows how the Hex color 37B6A9 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 37B6A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

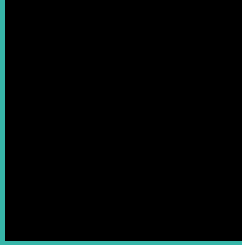
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

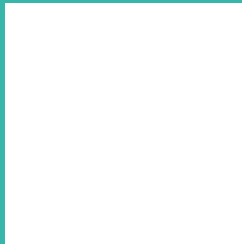
Any Text WCAG AAA ✓ Pass

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

Hex 37B6A9 Background



This preview shows how black text looks on a background with the Hex color 37B6A9.

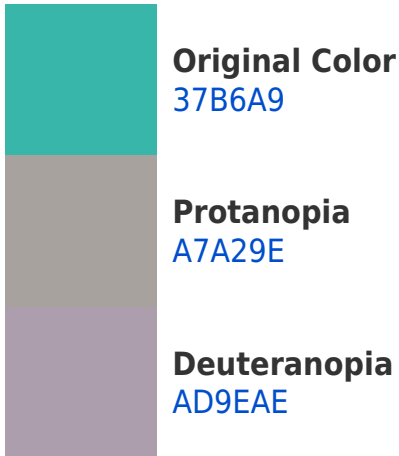


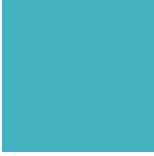
This preview shows how white text looks on a background with the Hex color 37B6A9.

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
44B2C1

Trichromacy



Original Color
37B6A9



Protanomaly
7EA9A2



Deuteranomaly
82A7AC



Tritanomaly
3FB3B8

Monochromacy



Original Color
37B6A9



Achromatopsia
8F8F8F



Achromatomaly
6F9D98

CSS Examples

Text

The CSS property to change the color of the text to Hex 37B6A9 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 #37B6A9 looks like.

```
.text, #text, p{  
    color:#37B6A9  
}
```

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 #37B6A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37B6A9
}
```

Border

The CSS property to change the border of an element to Hex 37B6A9 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
#37B6A9 }
```

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

```
.border{ border-color:#37B6A9 }
```

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

Here you see how a box with a 4 pixel #37B6A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37B6A9; -webkit-box-shadow:4px 4px  
4px 4px #37B6A9; box-shadow:4px 4px 4px  
4px #37B6A9 }
```

Background

The CSS property to change the background color of an element to Hex 37B6A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37B6A9 }
```

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

```
.background{ background-color:#37B6A9 }
```

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