

Converting Colors

Hex(37B48F)

Have a look what the booklet for
Hex(37B48F) contains.

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Color

Hex(37B48F)

Conversions

Conversions Part 1

Format	Color
Hex	37B48F
RGB	55, 180, 143
RGB Percent	22%, 71%, 56%
CMY	0.7843, 0.2941, 0.4392
CMYK	0.69, 0.00, 0.21, 0.29
HSL	162°, 53%, 46%
HSV	162°, 69%, 71%
XYZ	22.8547, 35.4379, 31.6222
YIQ	138.4070, -62.6230, -38.0070

Conversions

Conversions Part 2

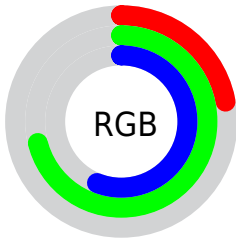
Format	Color
RYB	55, 128, 180
Decimal	3650703
CIELab	66.09, -42.91, 9.08
CIELCh	66, 43.859, 168.046
Yxy	35.4379, 0.2542, 0.3941
Android (android.graphics.Color)	4281840783 (0xFF37B48F)
YUV	138.4070, 2.2643, -73.1479
Hunter-Lab	59.5298, -35.6471, 10.1759

Details

The Hex color **37B48F** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B4375C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **76EDC5**, and **007E5D** is the 20% darker color. If you saturate the color by 10%, you get **25B48A**, and if you desaturate by 10%, it is **49B494**.

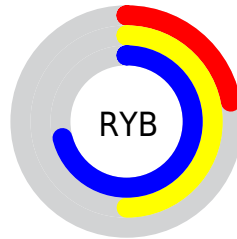
Distribution



Red (22%)

Green (71%)

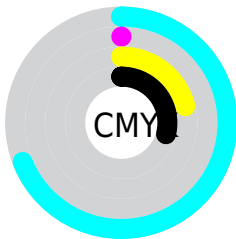
Blue (56%)



Red (22%)

Yellow (50%)

Blue (71%)

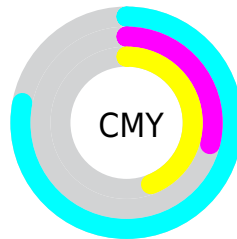


Cyan (69%)

Magenta (0%)

Yellow (21%)

Black (29%)



Cyan (78%)

Magenta (29%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37B48F 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 37B48F by changing the saturation by 10% instead.



37B48F



37B48F

FFFFFF



029975



76EDC5



007E5D



93FFE1



006445



B0FFFD



004C2F



CEFFFF



00341A



ECFFFF



001E00



000000



37B48F



37B48F



25B48A



49B494

■ 13B484

■ 5BB49A

■ 01B47F

■ 6DB49F

■ 00B47F

■ 7FB4A4

■ 91B4AA

■ A3B4AF

■ B5B4B4

■ C7B4BA

■ D9B4BF

Harmonies

Analogous

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



74AF6A



37B48F



00B5B8

Triad

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



37B48F



8B9CEB



E18B68

Complementary

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



37B48F



B4375C

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.



EC818A



37B48F



C28DD6

Square

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



37B48F



38A9ED



E282B2



C79953

Rectangle

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



37B48F



00B3D0



E282B2



E78772

Sweetspot

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



37B48F



B9EBDC



5DB437



58756D



F5F5F5



757575

Same Dimension

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



37B48F



28EBB1



379BB4



505957



00996C



001A12

Inverse Universe

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



B4375C



EB2862



B45037



595053



99002D



1A0008

Previews

White Background



This preview shows how the Hex color 37B48F looks on a white background.

Color Contrast Check

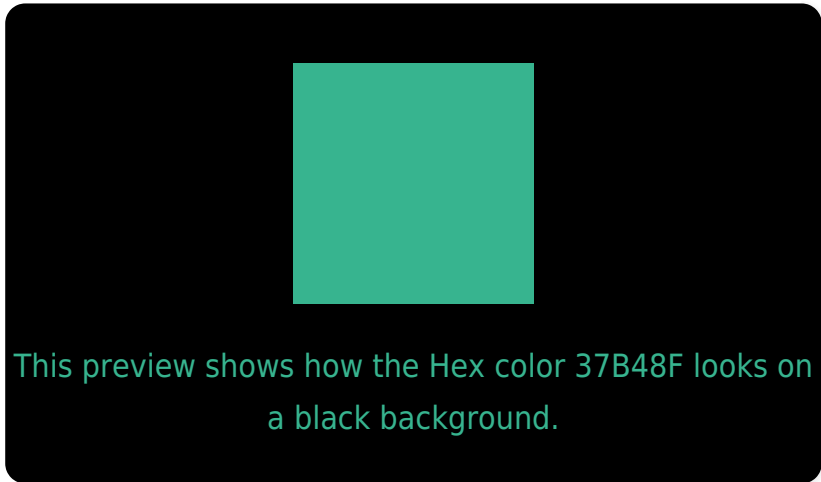
Large Text (above 18pt) WCAG AA × Fail

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

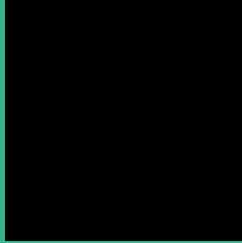
Any Text WCAG AA ✓ Pass

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 37B48F Background



This preview shows how black text looks on a background with the Hex color 37B48F.

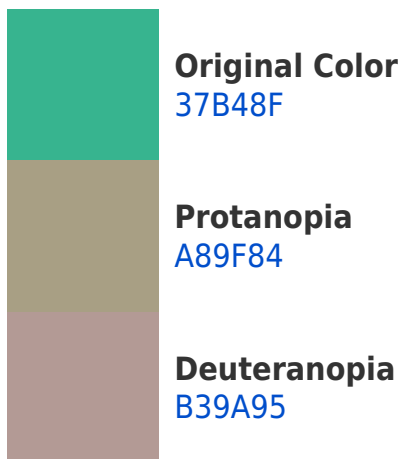


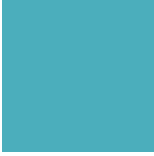
This preview shows how white text looks on a background with the Hex color 37B48F.

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
4BAEBC

Trichromacy



Original Color
37B48F



Protanomaly
7FA788



Deuteranomaly
86A393



Tritanomaly
44B0AC

Monochromacy



Original Color
37B48F



Achromatopsia
8A8A8A



Achromatomaly
6C998C

CSS Examples

Text

The CSS property to change the color of the text to Hex 37B48F 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 #37B48F looks like.

```
.text, #text, p{  
    color:#37B48F  
}
```

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 #37B48F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37B48F
}
```

Border

The CSS property to change the border of an element to Hex 37B48F 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
#37B48F }
```

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

```
.border{ border-color:#37B48F }
```

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

Here you see how a box with a 4 pixel #37B48F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37B48F; -webkit-box-shadow:4px 4px  
4px 4px #37B48F; box-shadow:4px 4px 4px  
4px #37B48F }
```

Background

The CSS property to change the background color of an element to Hex 37B48F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37B48F }
```

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

```
.background{ background-color:#37B48F }
```

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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