

Converting Colors

Hex(37B57C)

Have a look what the booklet for
Hex(37B57C) contains.

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Color

Hex(37B57C)

Conversions

Conversions Part 1

Format	Color
Hex	37B57C
RGB	55, 181, 124
RGB Percent	22%, 71%, 49%
CMY	0.7843, 0.2902, 0.5137
CMYK	0.70, 0.00, 0.31, 0.29
HSL	153°, 53%, 46%
HSV	153°, 70%, 71%
XYZ	21.7375, 35.3152, 24.7396
YIQ	136.8280, -56.7990, -44.4390

Conversions

Conversions Part 2

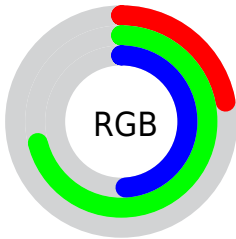
Format	Color
RYB	55, 136, 181
Decimal	3650940
CIELab	65.99, -47.65, 19.33
CIElCh	66, 51.420, 157.923
Yxy	35.3152, 0.2658, 0.4318
Android (android.graphics.Color)	4281841020 (0xFF37B57C)
YUV	136.8280, -6.3242, -71.7632
Hunter-Lab	59.4266, -38.7035, 16.9159

Details

The Hex color **37B57C** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B53770**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **75EEB1**, and **007F4B** is the 20% darker color. If you saturate the color by 10%, you get **25B574**, and if you desaturate by 10%, it is **49B584**.

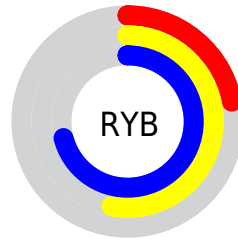
Distribution



Red (22%)

Green (71%)

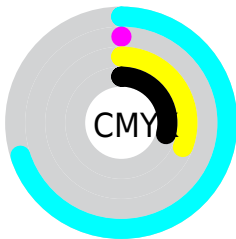
Blue (49%)



Red (22%)

Yellow (53%)

Blue (71%)

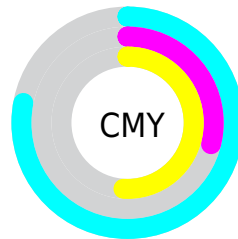


Cyan (70%)

Magenta (0%)

Yellow (31%)

Black (29%)



Cyan (78%)

Magenta (29%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37B57C 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 37B57C by changing the saturation by 10% instead.

 37B57C

 37B57C

FFFFFF

 039A63

 75EEB1

 007F4B

 93FFCC

 006534

 B0FFE9

 004C1E

 CDFFFF

 003407

 EBFFFF

 001D00

 000000

 37B57C

 37B57C

 25B574

 49B584

■ 13B56C

■ 5BB58C

■ 01B563

■ 6DB595

■ 00B563

■ 7FB59D

■ 92B5A5

■ A4B5AD

■ B6B5B5

■ C8B5BE

■ DAB5C6

Harmonies

Analogous

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



7EAE54



37B57C



00B8AC

Triad

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



37B57C



65A1FC



F0816A

Complementary

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



37B57C



B53770

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.



F67896



37B57C



B48FE9

Square

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



37B57C



00AEF5



E37FC4



D7924A

Rectangle

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



37B57C



00B7CA



E37FC4



F57D78

Sweetspot

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



37B57C



B9EBD4



72B537



587568



F5F5F5



757575

Same Dimension

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



37B57C



26EB91



37B1B5



505955



009954



001A0E

Inverse Universe

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



B53770



EB267F



B53B37



595054



990045



1A000C

Previews

White Background



This preview shows how the Hex color 37B57C looks on a white background.

Color Contrast Check

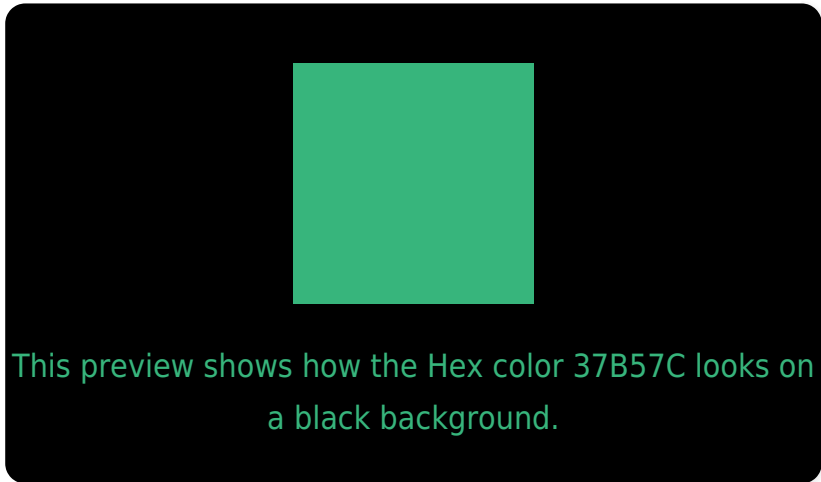
Large Text (above 18pt) WCAG AA × Fail

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

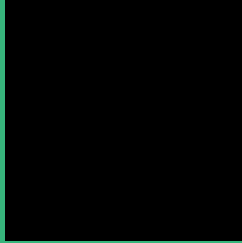
Any Text WCAG AA ✓ Pass

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 37B57C Background



This preview shows how black text looks on a background with the Hex color 37B57C.

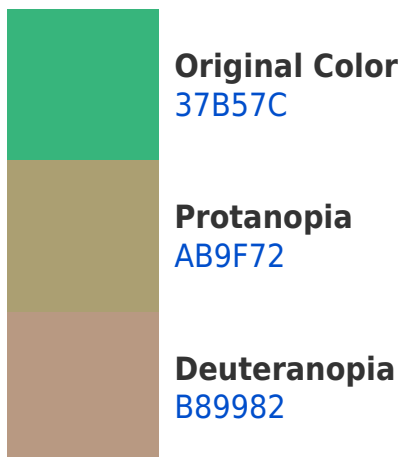


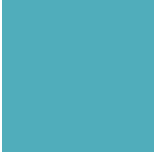
This preview shows how white text looks on a background with the Hex color 37B57C.

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](#).

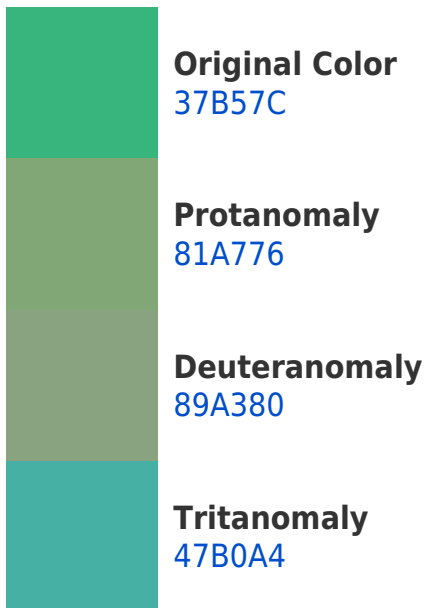
Dichromacy



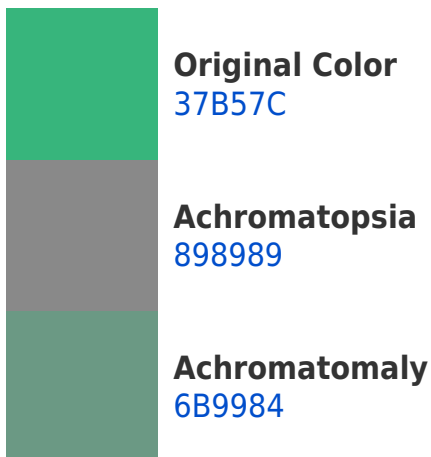


Tritanopia
50ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37B57C 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 #37B57C looks like.

```
.text, #text, p{  
    color:#37B57C  
}
```

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 #37B57C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37B57C
}
```

Border

The CSS property to change the border of an element to Hex 37B57C 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
#37B57C }
```

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

```
.border{ border-color:#37B57C }
```

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

Here you see how a box with a 4 pixel #37B57C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37B57C; -webkit-box-shadow:4px 4px  
4px 4px #37B57C; box-shadow:4px 4px 4px  
4px #37B57C }
```

Background

The CSS property to change the background color of an element to Hex 37B57C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37B57C }
```

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

```
.background{ background-color:#37B57C }
```

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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