

Converting Colors

Hex(37BC82)

Have a look what the booklet for
Hex(37BC82) contains.

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Color

Hex(37BC82)

Conversions

Conversions Part 1

Format	Color
Hex	37BC82
RGB	55, 188, 130
RGB Percent	22%, 74%, 51%
CMY	0.7843, 0.2627, 0.4902
CMYK	0.71, 0.00, 0.31, 0.26
HSL	154°, 55%, 48%
HSV	154°, 71%, 74%
XYZ	23.5880, 38.3904, 27.2860
YIQ	141.6210, -60.6500, -46.2340

Conversions

Conversions Part 2

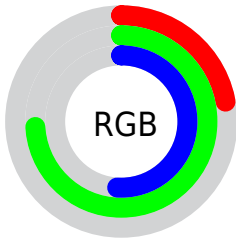
Format	Color
RYB	55, 140, 188
Decimal	3652738
CIELab	68.31, -49.18, 19.26
CIELCh	68, 52.821, 158.610
Yxy	38.3904, 0.2642, 0.4301
Android (android.graphics.Color)	4281842818 (0xFF37BC82)
YUV	141.6210, -5.7292, -75.9666
Hunter-Lab	61.9600, -40.4753, 17.2618

Details

The Hex color **37BC82** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BC3771**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **77F5B7**, and **008650** is the 20% darker color. If you saturate the color by 10%, you get **24BC7A**, and if you desaturate by 10%, it is **4ABC8A**.

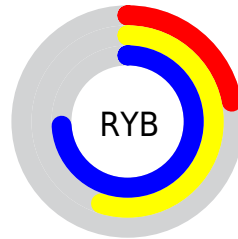
Distribution



Red (22%)

Green (74%)

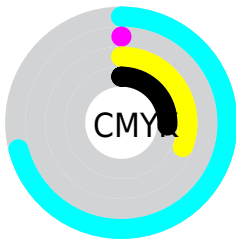
Blue (51%)



Red (22%)

Yellow (55%)

Blue (74%)

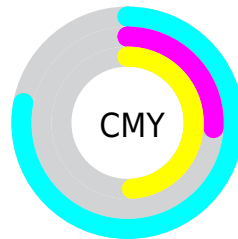


Cyan (71%)

Magenta (0%)

Yellow (31%)

Black (26%)



Cyan (78%)

Magenta (26%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37BC82 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 37BC82 by changing the saturation by 10% instead.



37BC82



37BC82

FFFFFF



00A069



77F5B7



008650



94FFD3



006B39



B2FFEF



005223



D0FFFF



003A0E



EEFFFF



002400



000000



37BC82



37BC82



24BC7A



4ABC8A

 11BC72

 5DBC92

 00BC6A

 6FBC9B

 82BCA3

 95BCAB

 A8BCB3

 BBBCBB

 CDBCC4

 E0BCCC

Harmonies

Analogous

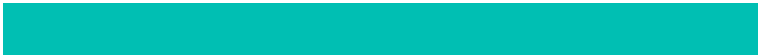
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82B559



37BC82



00BFB3

Triad

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



37BC82



6BA7FF



F9866D

Complementary

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



37BC82



BC3771

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.



FF7D9B



37BC82



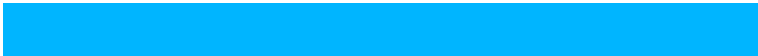
BC94F1

Square

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



37BC82



00B5FF



EC83CA



DE984D

Rectangle

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



37BC82



00BED3



EC83CA



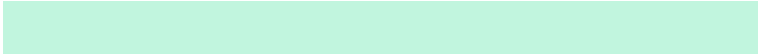
FE827C

Sweetspot

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



37BC82



C1F5DE



73BC37



5C7A6D



FAFAFA



7A7A7A

Same Dimension

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



37BC82



25F59A



37B5BC



555E5A



009E59



001F11

Inverse Universe

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



BC3771



F5257F



BC3E37



5E5559



9E0045



1F000D

Previews

White Background



This preview shows how the Hex color 37BC82 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 37BC82 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

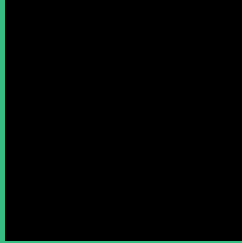
Any Text WCAG AA ✓ Pass

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 37BC82 Background



This preview shows how black text looks on a background with the Hex color 37BC82.



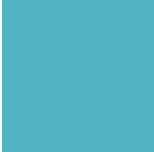
This preview shows how white text looks on a background with the Hex color 37BC82.

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
52B4C2

Trichromacy



Original Color
37BC82



Protanomaly
85AD7C



Deuteranomaly
8EAA86



Tritanomaly
48B7AB

Monochromacy



Original Color
37BC82



Achromatopsia
8E8E8E



Achromatomaly
6E9F8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 37BC82 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 #37BC82 looks like.

```
.text, #text, p{  
    color:#37BC82  
}
```

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 #37BC82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37BC82
}
```

Border

The CSS property to change the border of an element to Hex 37BC82 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
#37BC82 }
```

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

```
.border{ border-color:#37BC82 }
```

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

Here you see how a box with a 4 pixel #37BC82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37BC82; -webkit-box-shadow:4px 4px  
4px 4px #37BC82; box-shadow:4px 4px 4px  
4px #37BC82 }
```

Background

The CSS property to change the background color of an element to Hex 37BC82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37BC82 }
```

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

```
.background{ background-color:#37BC82 }
```

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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