

Converting Colors

Hex(37B44C)

Have a look what the booklet for
Hex(37B44C) contains.

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Color

Hex(37B44C)

Conversions

Conversions Part 1

Format	Color
Hex	37B44C
RGB	55, 180, 76
RGB Percent	22%, 71%, 30%
CMY	0.7843, 0.2941, 0.7020
CMYK	0.69, 0.00, 0.58, 0.29
HSL	130°, 53%, 46%
HSV	130°, 69%, 71%
XYZ	19.2013, 33.9765, 12.3836
YIQ	130.7690, -41.1160, -58.8440

Conversions

Conversions Part 2

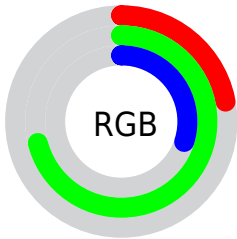
Format	Color
RYB	55, 162, 180
Decimal	3650636
CIELab	64.94, -55.51, 42.66
CIELCh	65, 70.011, 142.460
Yxy	33.9765, 0.2929, 0.5182
Android (android.graphics.Color)	4281840716 (0xFF37B44C)
YUV	130.7690, -27.0011, -66.4494
Hunter-Lab	58.2894, -43.2062, 28.2064

Details

The Hex color **37B44C** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **B4379F**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **76ED80**, and **007E18** is the 20% darker color. If you saturate the color by 10%, you get **25B43D**, and if you desaturate by 10%, it is **49B45B**.

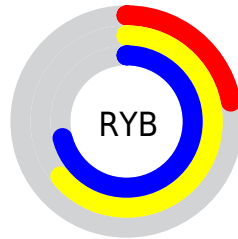
Distribution



Red (22%)

Green (71%)

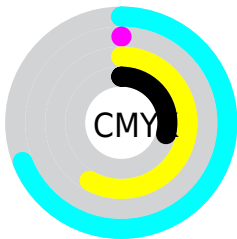
Blue (30%)



Red (22%)

Yellow (64%)

Blue (71%)

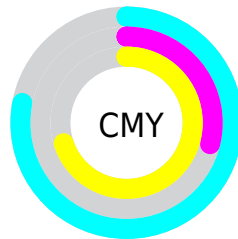


Cyan (69%)

Magenta (0%)

Yellow (58%)

Black (29%)



Cyan (78%)

Magenta (29%)

Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Hex color 37B44C 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 37B44C by changing the saturation by 10% instead.

 37B44C

 37B44C

FFFFFF

 019933

 76ED80

 007E18

 93FF9B

 006400

 B1FFB6

 004B00

 CEFFD2

 003300

 ECFFEF

 001A00

 000000

 37B44C

 37B44C

 25B43D

 49B45B

 13B42E

 5BB46A

 01B41F

 6DB479

 00B41E

 7FB488

 91B497

 A3B4A6

 B5B4B5

 C7B4C4

 D9B4D3

Harmonies

Analogous

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



8FA810



37B44C



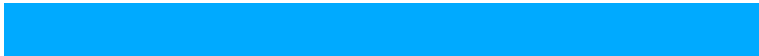
00BA8B

Triad

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



37B44C



00AAFF



FF6372

Complementary

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



37B44C



B4379F

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.



FF60B0



37B44C



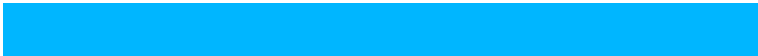
7D94FF

Square

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



37B44C



00B6FF



D977EB



F57B39

Rectangle

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



37B44C



00BBB7



D977EB



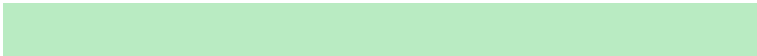
FF5E86

Sweetspot

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



37B44C



B9EBC2



9FB437



58755D



F5F5F5



757575

Same Dimension

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



37B44C



28EB49



37B48A



505952



00991A



001A04

Inverse Universe

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



B4379F



EB28CA



B43761



595058



99007F



1A0015

Previews

White Background



This preview shows how the Hex color 37B44C looks on a white background.

Color Contrast Check

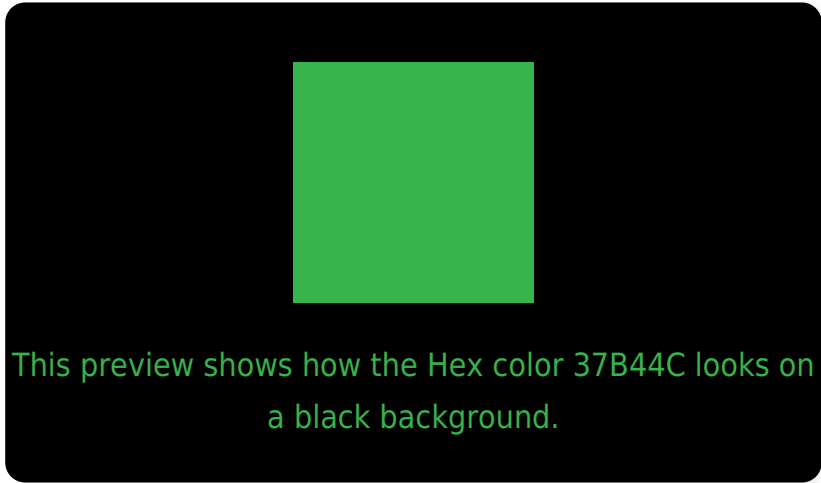
Large Text (above 18pt) WCAG AA × Fail

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

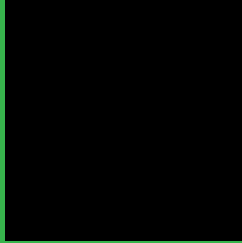
Any Text WCAG AA ✓ Pass

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 37B44C Background



This preview shows how black text looks on a background with the Hex color 37B44C.



This preview shows how white text looks on a background with the Hex color 37B44C.

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



Original Color
37B44C

Protanopia
AE9D45

Deuteranopia
BF9555



Tritanopia
57A9B7

Trichromacy



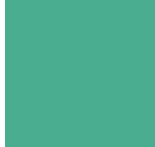
Original Color
37B44C



Protanomaly
83A548



Deuteranomaly
8EA052



Tritanomaly
4BAD90

Monochromacy



Original Color
37B44C



Achromatopsia
838383



Achromatomaly
67956F

CSS Examples

Text

The CSS property to change the color of the text to Hex 37B44C 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 #37B44C looks like.

```
.text, #text, p{  
    color:#37B44C  
}
```

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 #37B44C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37B44C
}
```

Border

The CSS property to change the border of an element to Hex 37B44C 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
#37B44C }
```

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

```
.border{ border-color:#37B44C }
```

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

Here you see how a box with a 4 pixel #37B44C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37B44C; -webkit-box-shadow:4px 4px  
4px 4px #37B44C; box-shadow:4px 4px 4px  
4px #37B44C }
```

Background

The CSS property to change the background color of an element to Hex 37B44C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37B44C }
```

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

```
.background{ background-color:#37B44C }
```

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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