

Converting Colors

Hex(37B450)

Have a look what the booklet for
Hex(37B450) contains.

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Color

Hex(37B450)

Conversions

Conversions Part 1

Format	Color
Hex	37B450
RGB	55, 180, 80
RGB Percent	22%, 71%, 31%
CMY	0.7843, 0.2941, 0.6863
CMYK	0.69, 0.00, 0.56, 0.29
HSL	132°, 53%, 46%
HSV	132°, 69%, 71%
XYZ	19.3448, 34.0339, 13.1390
YIQ	131.2250, -42.4000, -57.6000

Conversions

Conversions Part 2

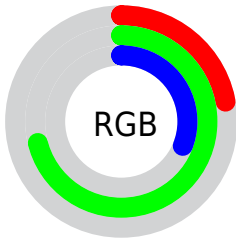
Format	Color
RYB	55, 159, 180
Decimal	3650640
CIELab	64.99, -54.98, 40.80
CIELCh	65, 68.469, 143.419
Yxy	34.0339, 0.2908, 0.5117
Android (android.graphics.Color)	4281840720 (0xFF37B450)
YUV	131.2250, -25.2539, -66.8493
Hunter-Lab	58.3386, -42.9029, 27.4837

Details

The Hex color **37B450** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B4379B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **76ED84**, and **007E1D** is the 20% darker color. If you saturate the color by 10%, you get **25B442**, and if you desaturate by 10%, it is **49B45E**.

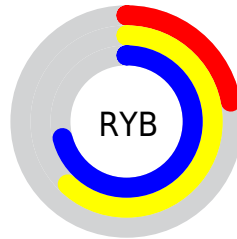
Distribution



Red (22%)

Green (71%)

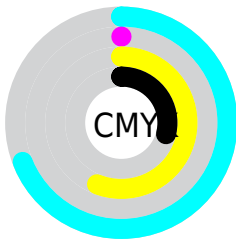
Blue (31%)



Red (22%)

Yellow (62%)

Blue (71%)

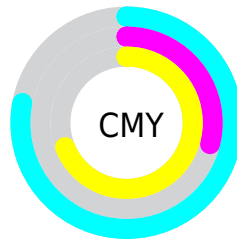


Cyan (69%)

Magenta (0%)

Yellow (56%)

Black (29%)



Cyan (78%)

Magenta (29%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37B450 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 37B450 by changing the saturation by 10% instead.



37B450



37B450

FFFFFF



029937



76ED84



007E1D



93FF9F



006400



B1FFBA



004B00



CEFFD6



003300



ECFFF3



001A00



000000



37B450



37B450



25B442



49B45E

■ 13B433

■ 5BB46D

■ 01B425

■ 6DB47B

■ 00B424

■ 7FB48A

■ 91B498

■ A3B4A6

■ B5B4B5

■ C7B4C3

■ D9B4D2

Harmonies

Analogous

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



8DA919



37B450



00B98E

Triad

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



37B450



00A9FF



FF6671

Complementary

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



37B450



B4379B

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.



FF62AE



37B450



8393FF

Square

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



37B450



00B5FF



DA77E8



F37D3A

Rectangle

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



37B450



00BAB8



DA77E8



FF6185

Sweetspot

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



37B450



B9EBC3



9BB437



58755E



F5F5F5



757575

Same Dimension

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



37B450



28EB4F



37B48F



505952



00991F



001A05

Inverse Universe

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



B4379B



EB28C4



B4375D



595057



99007A



1A0014

Previews

White Background



This preview shows how the Hex color 37B450 looks on a white background.

Color Contrast Check

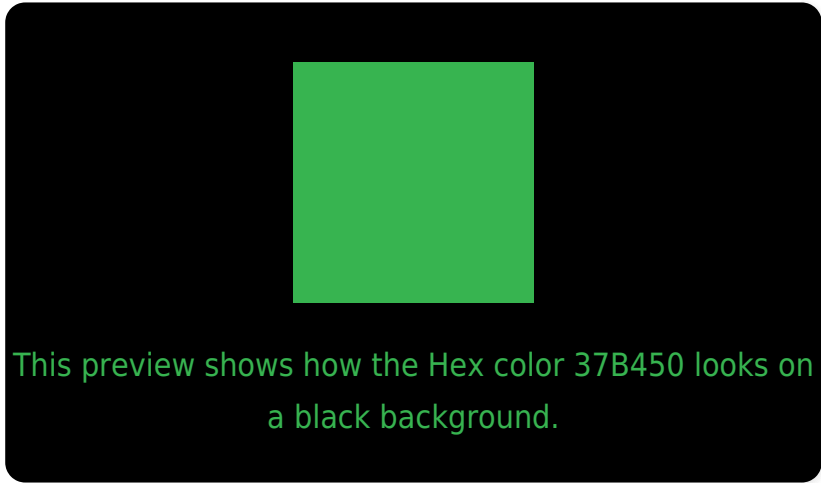
Large Text (above 18pt) WCAG AA × Fail

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

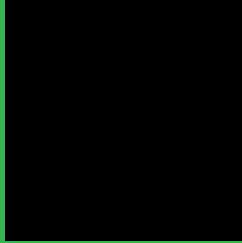
Any Text WCAG AA ✓ Pass

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 37B450 Background



This preview shows how black text looks on a background with the Hex color 37B450.



This preview shows how white text looks on a background with the Hex color 37B450.

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](#).

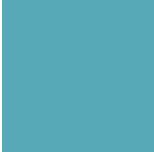
Dichromacy



Original Color
37B450

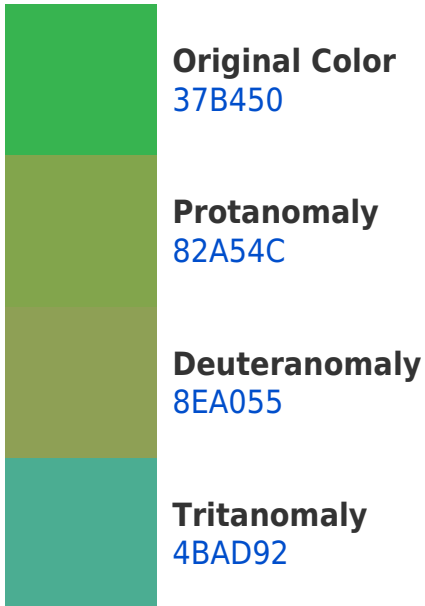
Protanopia
AD9D49

Deuteranopia
BF9558

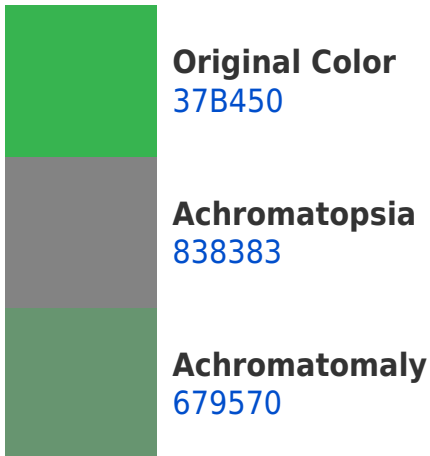


Tritanopia
57A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37B450 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 #37B450 looks like.

```
.text, #text, p{  
    color:#37B450  
}
```

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 #37B450 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37B450
}
```

Border

The CSS property to change the border of an element to Hex 37B450 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
#37B450 }
```

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

```
.border{ border-color:#37B450 }
```

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

Here you see how a box with a 4 pixel #37B450 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37B450; -webkit-box-shadow:4px 4px  
4px 4px #37B450; box-shadow:4px 4px 4px  
4px #37B450 }
```

Background

The CSS property to change the background color of an element to Hex 37B450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37B450 }
```

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

```
.background{ background-color:#37B450 }
```

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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