

Converting Colors

Hex(37C542)

Have a look what the booklet for
Hex(37C542) contains.

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Color

Hex(37C542)

Conversions

Conversions Part 1

Format	Color
Hex	37C542
RGB	55, 197, 66
RGB Percent	22%, 77%, 26%
CMY	0.7843, 0.2275, 0.7412
CMYK	0.72, 0.00, 0.66, 0.23
HSL	125°, 56%, 49%
HSV	125°, 72%, 77%
XYZ	22.5252, 41.1381, 11.9075
YIQ	139.6080, -42.5810, -70.8450

Conversions

Conversions Part 2

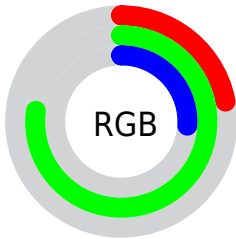
Format	Color
RYB	55, 187, 197
Decimal	3654978
CIELab	70.27, -62.45, 53.10
CIELCh	70, 81.972, 139.622
Yxy	41.1381, 0.2981, 0.5444
Android (android.graphics.Color)	4281845058 (0xFF37C542)
YUV	139.6080, -36.2887, -74.2012
Hunter-Lab	64.1390, -49.5552, 33.8900

Details

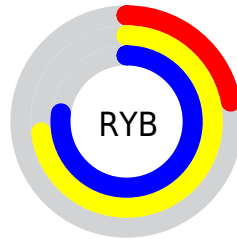
The Hex color **37C542** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C537BA**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **7AFF78**, and **008E00** is the 20% darker color. If you saturate the color by 10%, you get **23C530**, and if you desaturate by 10%, it is **4BC554**.

Distribution



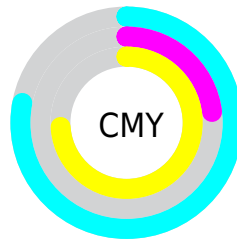
- Red (22%)
- Green (77%)
- Blue (26%)



- Red (22%)
- Yellow (73%)
- Blue (77%)



- Cyan (72%)
- Magenta (0%)
- Yellow (66%)
- Black (23%)



- Cyan (78%)
- Magenta (23%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37C542 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 37C542 by changing the saturation by 10% instead.

 37C542

 37C542

FFFFFF

 00A926

 7AFF78

 008E00

 98FF93

 007300

 B7FFAE

 005900

 D5FFCB

 004000

 F3FFE8

 002900

 000200

 000000

 37C542

 37C542

 23C530

 4BC554

 10C51E

 5EC566

 00C50F

 72C579

 86C58B

 9AC59D

 ADC5AF

 C1C5C1

 D5C5D3

 E8C5E6

Harmonies

Analogous

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



9FB700



37C542



00CC8E

Triad

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



37C542



00BCFF



FF5F7F

Complementary

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



37C542



C537BA

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.



FF5FC9



37C542



6EA3FF

Square

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



37C542



00C9FF



EB80FF



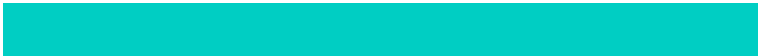
FF7E39

Rectangle

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



37C542



00CEC3



EB80FF



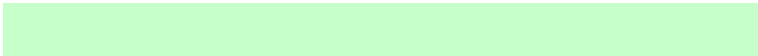
FF5A97

Sweetspot

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



37C542



C7FFCB



BCC537



5E8061



000000



808080

Same Dimension

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



37C542



24FF35



37C587



5A635A



00A30D



002403

Inverse Universe

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



C537BA



FF24EE



C53775



635A63



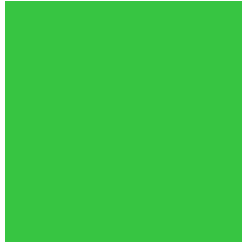
A30097



240021

Previews

White Background



This preview shows how the Hex color 37C542 looks on a white background.

Color Contrast Check

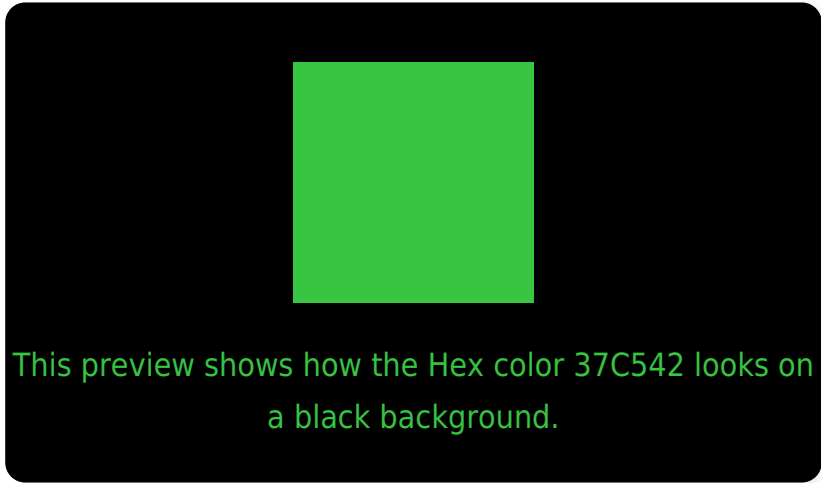
Large Text (above 18pt) WCAG AA × Fail

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 37C542 Background



This preview shows how black text looks on a background with the Hex color 37C542.

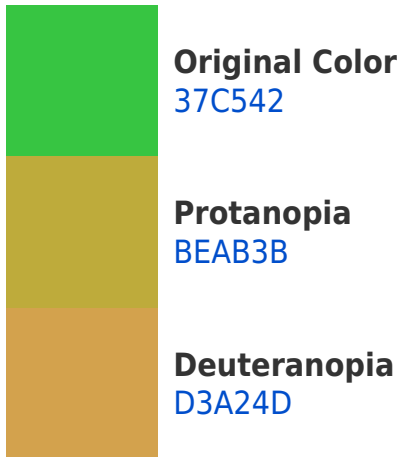


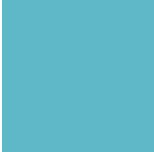
This preview shows how white text looks on a background with the Hex color 37C542.

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](#).

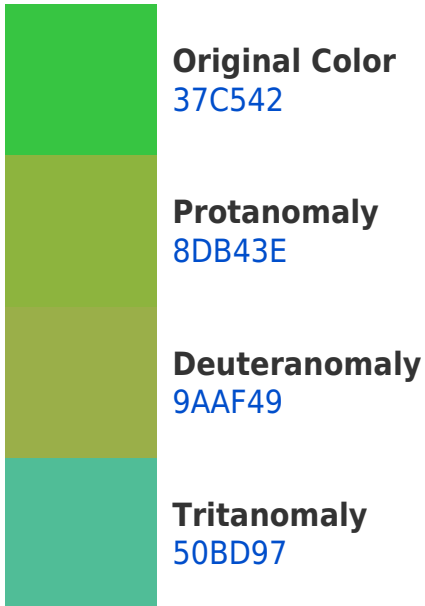
Dichromacy



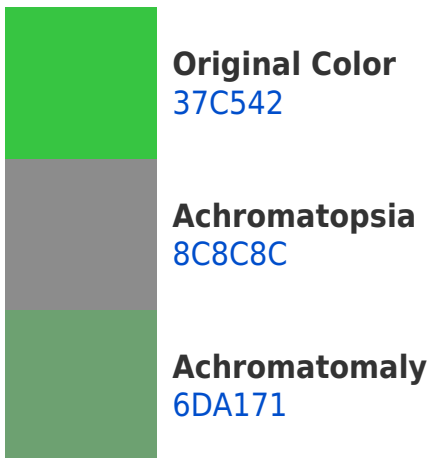


Tritanopia
5EB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37C542 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 #37C542 looks like.

```
.text, #text, p{  
    color:#37C542  
}
```

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 #37C542 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37C542
}
```

Border

The CSS property to change the border of an element to Hex 37C542 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
#37C542 }
```

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

```
.border{ border-color:#37C542 }
```

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

Here you see how a box with a 4 pixel #37C542 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37C542; -webkit-box-shadow:4px 4px  
4px 4px #37C542; box-shadow:4px 4px 4px  
4px #37C542 }
```

Background

The CSS property to change the background color of an element to Hex 37C542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37C542 }
```

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

```
.background{ background-color:#37C542 }
```

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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