

Converting Colors

Hex(37C85E)

Have a look what the booklet for
Hex(37C85E) contains.

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Color

Hex(37C85E)

Conversions

Conversions Part 1

Format	Color
Hex	37C85E
RGB	55, 200, 94
RGB Percent	22%, 78%, 37%
CMY	0.7843, 0.2157, 0.6314
CMYK	0.72, 0.00, 0.53, 0.22
HSL	136°, 57%, 50%
HSV	136°, 72%, 78%
XYZ	24.2502, 42.9289, 17.5977
YIQ	144.5610, -52.3940, -63.7060

Conversions

Conversions Part 2

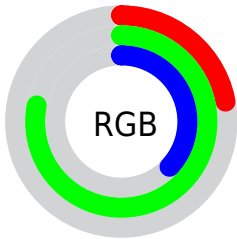
Format	Color
RYB	55, 169, 200
Decimal	3655774
CIELab	71.51, -60.06, 41.93
CIELCh	72, 73.250, 145.079
Yxy	42.9289, 0.2860, 0.5064
Android (android.graphics.Color)	4281845854 (0xFF37C85E)
YUV	144.5610, -24.9266, -78.5450
Hunter-Lab	65.5202, -48.5942, 29.9398

Details

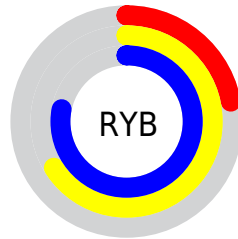
The Hex color **37C85E** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C837A1**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **79FF93**, and **00912B** is the 20% darker color. If you saturate the color by 10%, you get **23C84F**, and if you desaturate by 10%, it is **4BC86D**.

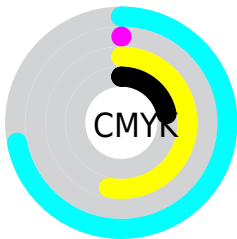
Distribution



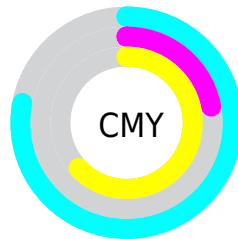
- Red (22%)
- Green (78%)
- Blue (37%)



- Red (22%)
- Yellow (66%)
- Blue (78%)



- Cyan (72%)
- Magenta (0%)
- Yellow (53%)
- Black (22%)



- Cyan (78%)
- Magenta (22%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37C85E 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 37C85E by changing the saturation by 10% instead.

 37C85E

 37C85E

FFFFFF

 00AC45

 79FF93

 00912B

 98FFAE

 00760F

 B6FFCA

 005C00

 D4FFE6

 004300

 F2FFFF

 002C00

 000A00

 000000

 37C85E

 37C85E

 23C84F

 4BC86D

 0FC841

 5FC87B

 00C836

 73C88A

 87C898

 9BC8A7

 AFC8B6

 C3C8C4

 D7C8D3

 EBC8E2

Harmonies

Analogous

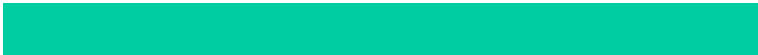
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9ABC23



37C85E



00CEA2

Triad

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



37C85E



00BAFF



FF737B

Complementary

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



37C85E



C837A1

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.



FF6EBD



37C85E



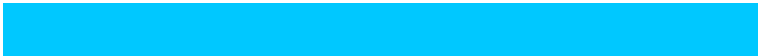
9AA2FF

Square

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



37C85E



00C8FF



F584FD



FF8D40

Rectangle

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



37C85E



00CFD0



F584FD



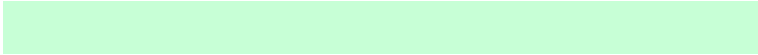
FF6E90

Sweetspot

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



37C85E



C7FFD6



A1C837



5E8067



000000



808080

Same Dimension

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



37C85E



21FF5D



37C8A6



5A635C



00A32C



00240A

Inverse Universe

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



C837A1



FF21C3



C83759



635A61



A30077



24001A

Previews

White Background



This preview shows how the Hex color 37C85E looks on a white background.

Color Contrast Check

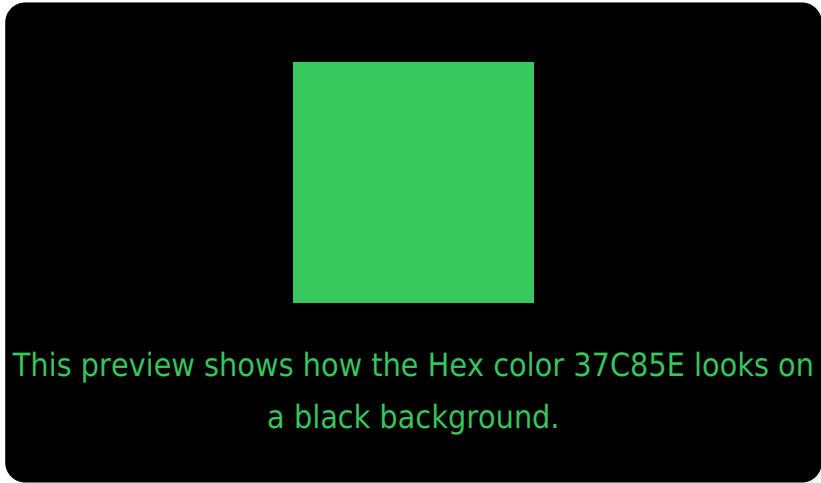
Large Text (above 18pt) WCAG AA × Fail

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

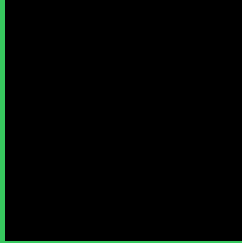
Any Text WCAG AA ✓ Pass

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 37C85E Background



This preview shows how black text looks on a background with the Hex color 37C85E.

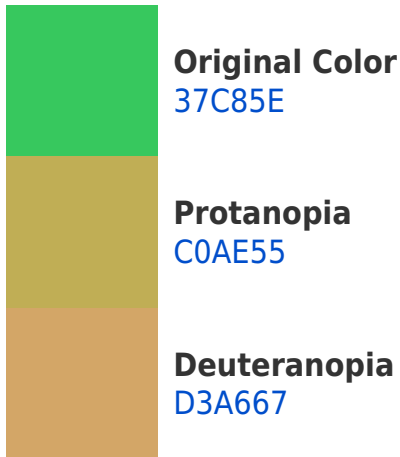


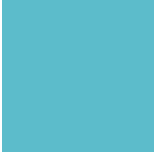
This preview shows how white text looks on a background with the Hex color 37C85E.

Color Blindness Simulation

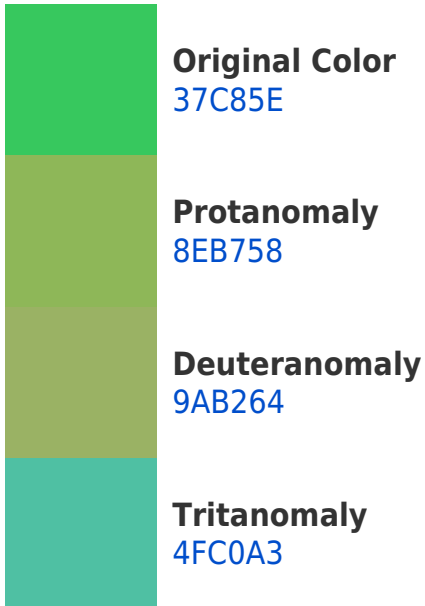
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

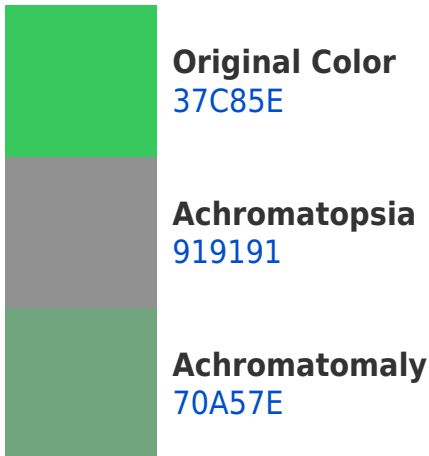




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37C85E 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 #37C85E looks like.

```
.text, #text, p{  
    color:#37C85E  
}
```

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 #37C85E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37C85E
}
```

Border

The CSS property to change the border of an element to Hex 37C85E 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
#37C85E }
```

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

```
.border{ border-color:#37C85E }
```

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

Here you see how a box with a 4 pixel #37C85E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37C85E; -webkit-box-shadow:4px 4px  
4px 4px #37C85E; box-shadow:4px 4px 4px  
4px #37C85E }
```

Background

The CSS property to change the background color of an element to Hex 37C85E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37C85E }
```

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

```
.background{ background-color:#37C85E }
```

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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