

Converting Colors

Hex(3FD85E)

Have a look what the booklet for
Hex(3FD85E) contains.

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Color

Hex(3FD85E)

Conversions

Conversions Part 1

Format	Color
Hex	3FD85E
RGB	63, 216, 94
RGB Percent	25%, 85%, 37%
CMY	0.7529, 0.1529, 0.6314
CMYK	0.71, 0.00, 0.56, 0.15
HSL	132°, 66%, 55%
HSV	132°, 71%, 85%
XYZ	28.6261, 50.9766, 18.9204
YIQ	156.3450, -52.0260, -70.3780

Conversions

Conversions Part 2

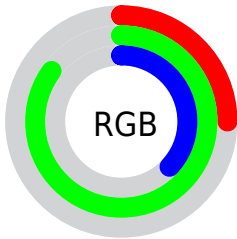
Format	Color
RYB	63, 190, 216
Decimal	4184158
CIELab	76.66, -64.26, 48.16
CIELCh	77, 80.307, 143.151
Yxy	50.9766, 0.2906, 0.5174
Android (android.graphics.Color)	4282374238 (0xFF3FD85E)
YUV	156.3450, -30.7361, -81.8636
Hunter-Lab	71.3979, -53.3789, 34.2667

Details

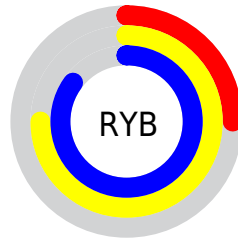
The Hex color **3FD85E** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **D83FB9**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **82FF93**, and **00A029** is the 20% darker color. If you saturate the color by 10%, you get **29D84D**, and if you desaturate by 10%, it is **55D86F**.

Distribution



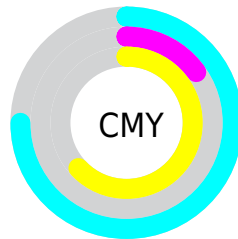
- Red (25%)
- Green (85%)
- Blue (37%)



- Red (25%)
- Yellow (75%)
- Blue (85%)



- Cyan (71%)
- Magenta (0%)
- Yellow (56%)
- Black (15%)



- Cyan (75%)
- Magenta (15%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FD85E 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 3FD85E by changing the saturation by 10% instead.



3FD85E



3FD85E

FFFFFF



02BC44



82FF93



00A029



A1FFAF



008508



BFFFCB



006A00



DEFFE8



005000



FDFFFF



003800



001F00



000000



3FD85E



3FD85E

 29D84D

 55D86F

 14D83C

 6AD880

 00D82C

 80D892

 95D8A3

 ABD8B4

 C1D8C5

 D6D8D7

 ECD8E8

 FFD8F9

Harmonies

Analogous

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



AACA17



3FD85E



00DFA9

Triad

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



3FD85E



00CBFF



FF7887

Complementary

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



3FD85E



D83FB9

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.



FF74D2



3FD85E



9AB1FF

Square

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



3FD85E



00DAFF



FF8EFF



FF9545

Rectangle

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



3FD85E



00E0DD



FF8EFF



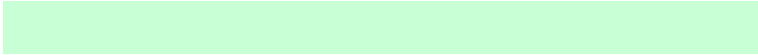
FF72A0

Sweetspot

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



3FD85E



C9FFD4



B9D83F



608066



000000



808080

Same Dimension

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



3FD85E



26FF52



3FD8AA



606B63



00AB23



002B09

Inverse Universe

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



D83FB9



FF26D3



D83F6D



6B6069



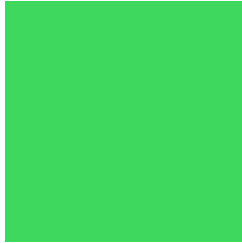
AB0088



2B0023

Previews

White Background



This preview shows how the Hex color 3FD85E looks on a white background.

Color Contrast Check

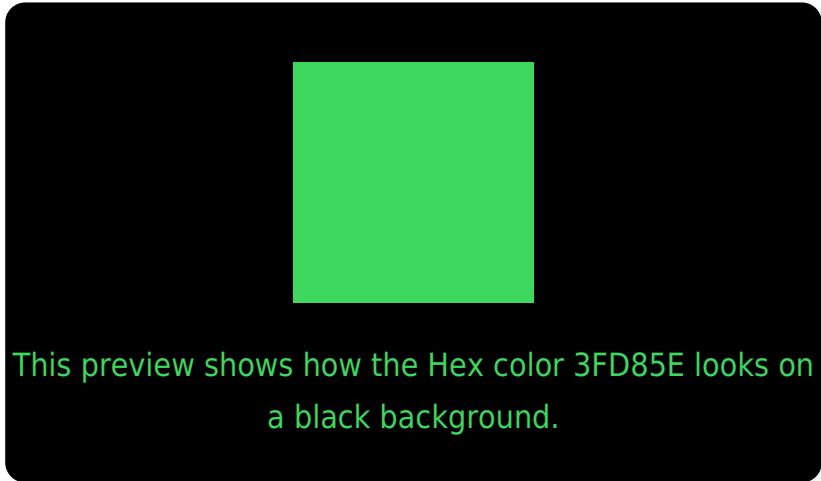
Large Text (above 18pt) WCAG AA × Fail

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

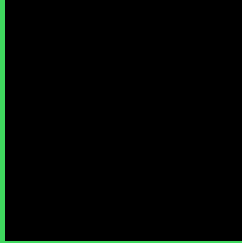
Any Text WCAG AA ✓ Pass

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 3FD85E Background



This preview shows how black text looks on a background with the Hex color 3FD85E.

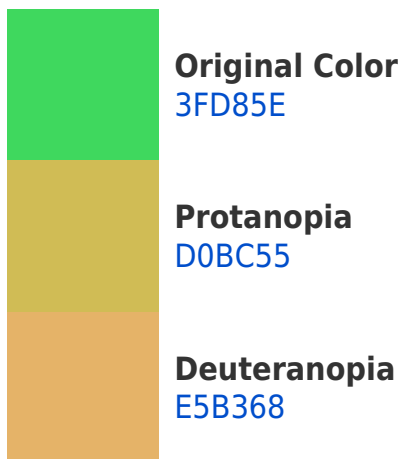


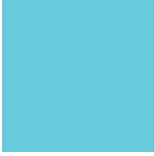
This preview shows how white text looks on a background with the Hex color 3FD85E.

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](#).

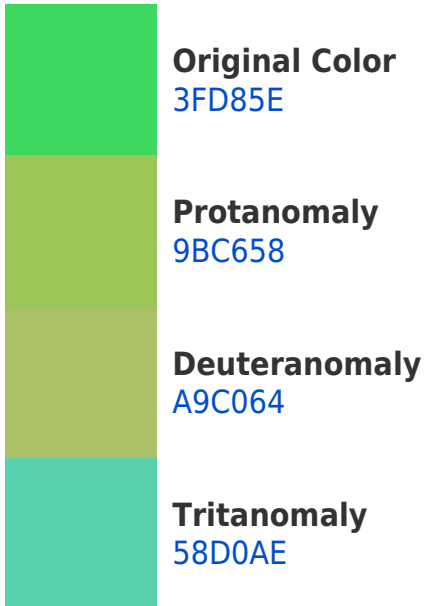
Dichromacy



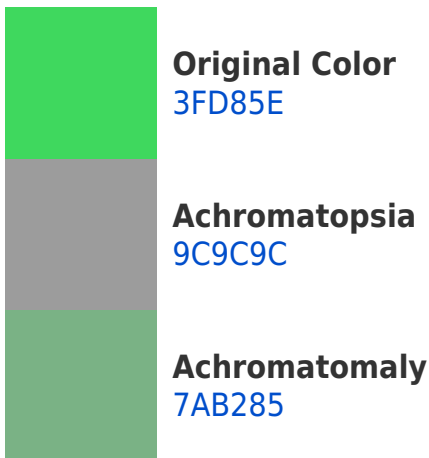


Tritanopia
67CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3FD85E 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 #3FD85E looks like.

```
.text, #text, p{  
    color:#3FD85E  
}
```

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 #3FD85E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FD85E
}
```

Border

The CSS property to change the border of an element to Hex 3FD85E 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
#3FD85E }
```

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

```
.border{ border-color:#3FD85E }
```

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

Here you see how a box with a 4 pixel #3FD85E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FD85E; -webkit-box-shadow:4px 4px  
4px 4px #3FD85E; box-shadow:4px 4px 4px  
4px #3FD85E }
```

Background

The CSS property to change the background color of an element to Hex 3FD85E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FD85E }
```

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

```
.background{ background-color:#3FD85E }
```

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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