

Converting Colors

Hex(75B35E)

Have a look what the booklet for
Hex(75B35E) contains.

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Color

Hex(75B35E)

Conversions

Conversions Part 1

Format	Color
Hex	75B35E
RGB	117, 179, 94
RGB Percent	46%, 70%, 37%
CMY	0.5412, 0.2980, 0.6314
CMYK	0.35, 0.00, 0.47, 0.30
HSL	104°, 36%, 54%
HSV	104°, 47%, 70%
XYZ	25.4766, 36.8303, 16.3559
YIQ	150.7720, -9.6670, -39.5790

Conversions

Conversions Part 2

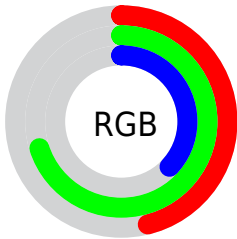
Format	Color
RYB	94, 179, 156
Decimal	7713630
CIELab	67.15, -36.02, 37.04
CIELCh	67, 51.670, 134.197
Yxy	36.8303, 0.3239, 0.4682
Android (android.graphics.Color)	4285903710 (0xFF75B35E)
YUV	150.7720, -27.9886, -29.6180
Hunter-Lab	60.6879, -31.2702, 26.5024

Details

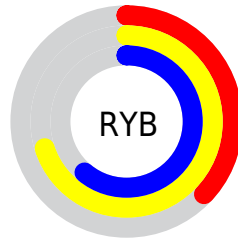
The Hex color **75B35E** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9C5EB3**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **ACEB92**, and **407E2D** is the 20% darker color. If you saturate the color by 10%, you get **68B34C**, and if you desaturate by 10%, it is **82B370**.

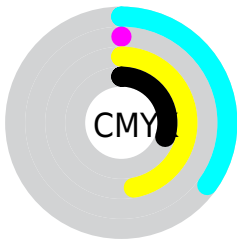
Distribution



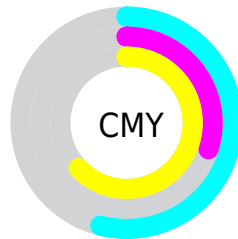
- Red (46%)
- Green (70%)
- Blue (37%)



- Red (37%)
- Yellow (70%)
- Blue (61%)



- Cyan (35%)
- Magenta (0%)
- Yellow (47%)
- Black (30%)



- Cyan (54%)
- Magenta (30%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75B35E 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 75B35E by changing the saturation by 10% instead.

 75B35E

 75B35E

FFFFFF

 5A9845

 ACEB92

 407E2D

 C8FFAD

 256414

 E5FFC9

 024C00

 FFFFE5

 003400

 002100

 000000

 75B35E

 75B35E

 68B34C

 82B370

 5BB33A

 8FB382

 4EB328

 9CB394

 41B316

 A9B3A6

 34B305

 B6B3B8

 30B300

 C3B3C9

 D0B3DB

 DDB3ED

 EBB3FF

Harmonies

Analogous

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



A9A845



75B35E



1DB989

Triad

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



75B35E



00AFFC



FB7C8F

Complementary

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



75B35E



9C5EB3

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.



ED7FBE



75B35E



7CA1FE

Square

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



75B35E



00B8E3



C38EE7



F08765

Rectangle

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



75B35E



00BBA9



C38EE7



F97B9F

Sweetspot

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



75B35E



D0E8C8



B39B5E



677561



F5F5F5



757575

Same Dimension

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



75B35E



88E864



5EB370



535950



299900



071A00

Inverse Universe

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



9C5EB3



C464E8



B35EA1



575059



700099



13001A

Previews

White Background



This preview shows how the Hex color 75B35E looks on a white background.

Color Contrast Check

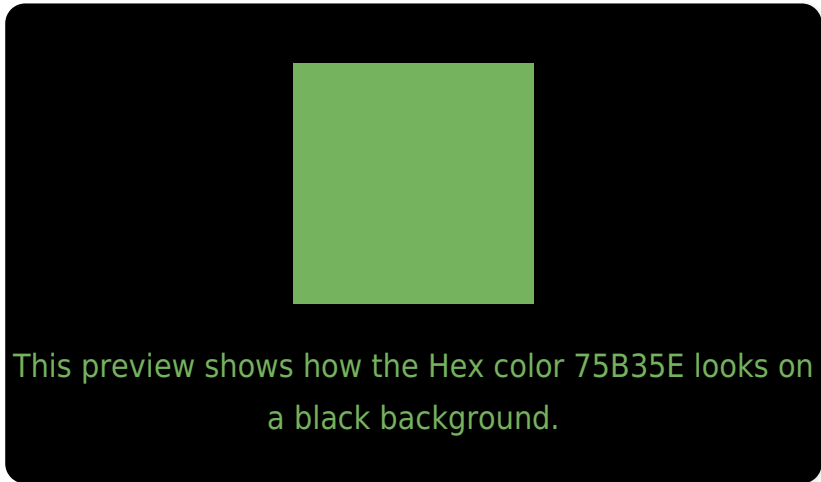
Large Text (above 18pt) WCAG AA × Fail

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

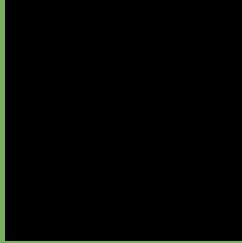
Any Text WCAG AA ✓ Pass

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 75B35E Background



This preview shows how black text looks on a background with the Hex color 75B35E.



This preview shows how white text looks on a background with the Hex color 75B35E.

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
75B35E

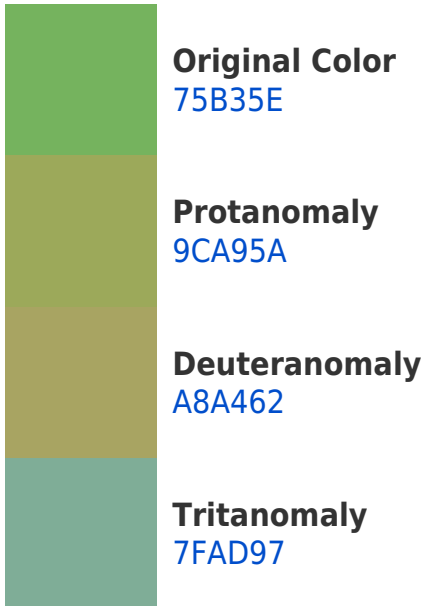
Protanopia
B3A358

Deuteranopia
C59B64

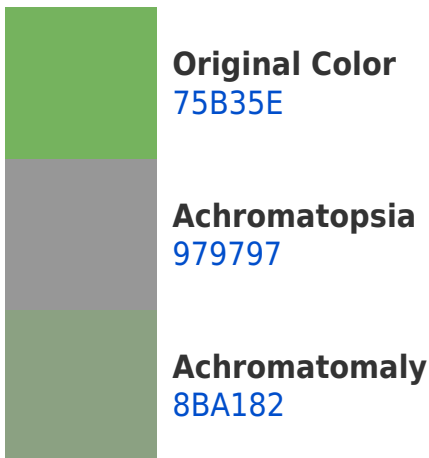


Tritanopia
84A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75B35E 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 #75B35E looks like.

```
.text, #text, p{  
    color:#75B35E  
}
```

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 #75B35E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B35E
}
```

Border

The CSS property to change the border of an element to Hex 75B35E 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
#75B35E }
```

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

```
.border{ border-color:#75B35E }
```

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

Here you see how a box with a 4 pixel #75B35E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B35E; -webkit-box-shadow:4px 4px  
4px 4px #75B35E; box-shadow:4px 4px 4px  
4px #75B35E }
```

Background

The CSS property to change the background color of an element to Hex 75B35E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B35E }
```

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

```
.background{ background-color:#75B35E }
```

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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