

Converting Colors

Hex(73B741)

Have a look what the booklet for
Hex(73B741) contains.

Hex(73B741)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(73B741)

Conversions

Conversions Part 1

Format	Color
Hex	73B741
RGB	115, 183, 65
RGB Percent	45%, 72%, 25%
CMY	0.5490, 0.2824, 0.7451
CMYK	0.37, 0.00, 0.64, 0.28
HSL	95°, 48%, 49%
HSV	95°, 64%, 72%
XYZ	24.9579, 37.8935, 10.9998
YIQ	149.2160, -2.6500, -51.1140

Conversions

Conversions Part 2

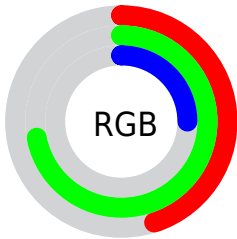
Format	Color
RYB	65, 183, 133
Decimal	7583553
CIELab	67.94, -41.64, 51.58
CIELCh	68, 66.290, 128.914
Yxy	37.8935, 0.3379, 0.5131
Android (android.graphics.Color)	4285773633 (0xFF73B741)
YUV	149.2160, -41.5185, -30.0074
Hunter-Lab	61.5577, -35.3551, 32.4958

Details

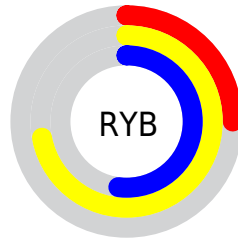
The Hex color **73B741** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8541B7**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ABEF76**, and **3B8101** is the 20% darker color. If you saturate the color by 10%, you get **68B72F**, and if you desaturate by 10%, it is **7EB753**.

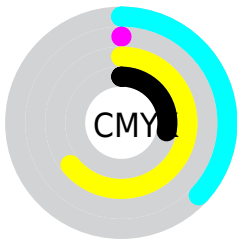
Distribution



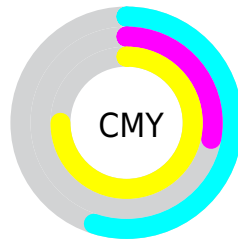
- Red (45%)
- Green (72%)
- Blue (25%)



- Red (25%)
- Yellow (72%)
- Blue (52%)



- Cyan (37%)
- Magenta (0%)
- Yellow (64%)
- Black (28%)



- Cyan (55%)
- Magenta (28%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73B741 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 73B741 by changing the saturation by 10% instead.



73B741



73B741

FFFFFF



579C26



ABEF76



3B8101



C8FF91



1C6800



E5FFAC



004F00



FFFFC9



003700



FFFFE5



002300



000000



73B741



73B741



68B72F



7EB753

 5EB71C

 88B766

 53B70A

 93B778

 4EB700

 9DB78A

 A8B79C

 B2B7AF

 BDB7C1

 C7B7D3

 D2B7E6

Harmonies

Analogous

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



B4A81E



73B741



00BF78

Triad

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



73B741



00B7FF



FF6C96

Complementary

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



73B741



8541B7

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.



FB75D2



73B741



43A6FF

Square

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



73B741



00C0EF



BF8EFF



FF7B5D

Rectangle

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



73B741



00C2A1



BF8EFF



FF6CAA

Sweetspot

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



73B741



D3EDC0



B78441



68785C



F7F7F7



787878

Same Dimension

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



73B741



84ED37



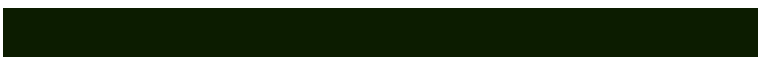
41B749



575C53



429C00



0C1C00

Inverse Universe

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



8541B7



A037ED



B741AF



58535C



5A009C



10001C

Previews

White Background



This preview shows how the Hex color 73B741 looks on a white background.

Color Contrast Check

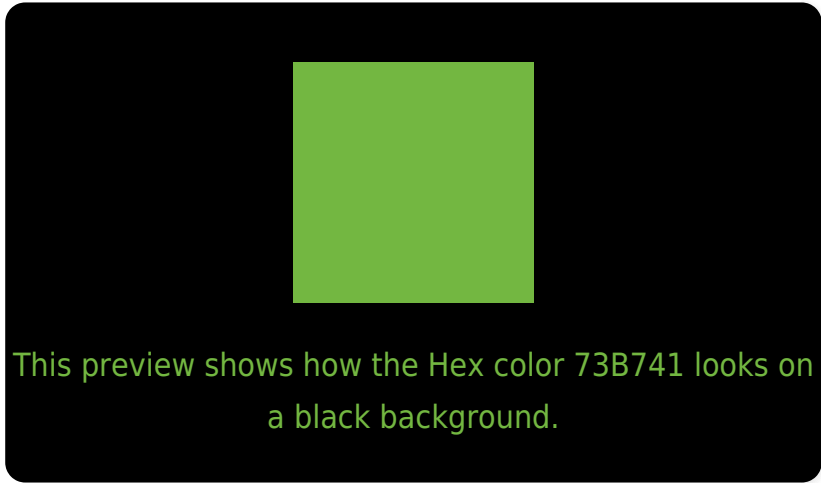
Large Text (above 18pt) WCAG AA × Fail

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 73B741 Background



This preview shows how black text looks on a background with the Hex color 73B741.

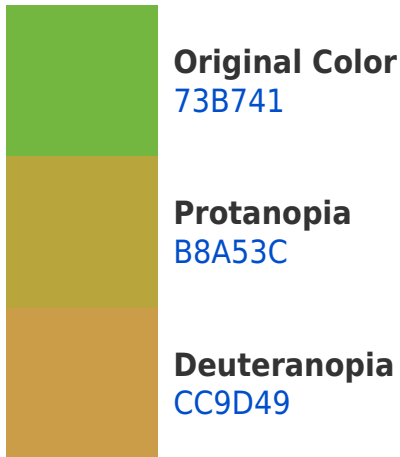


This preview shows how white text looks on a background with the Hex color 73B741.

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](#).

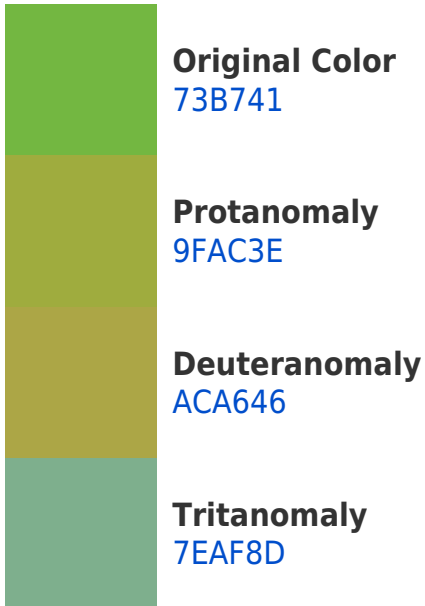
Dichromacy





Tritanopia
85ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 73B741 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 #73B741 looks like.

```
.text, #text, p{  
    color:#73B741  
}
```

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 #73B741 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73B741
}
```

Border

The CSS property to change the border of an element to Hex 73B741 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
#73B741 }
```

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

```
.border{ border-color:#73B741 }
```

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

Here you see how a box with a 4 pixel #73B741 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73B741; -webkit-box-shadow:4px 4px  
4px 4px #73B741; box-shadow:4px 4px 4px  
4px #73B741 }
```

Background

The CSS property to change the background color of an element to Hex 73B741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73B741 }
```

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

```
.background{ background-color:#73B741 }
```

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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