

Converting Colors

Hex(73B83E)

Have a look what the booklet for
Hex(73B83E) contains.

Hex(73B83E)	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(73B83E)

Conversions

Conversions Part 1

Format	Color
Hex	73B83E
RGB	115, 184, 62
RGB Percent	45%, 72%, 24%
CMY	0.5490, 0.2784, 0.7569
CMYK	0.38, 0.00, 0.66, 0.28
HSL	94°, 50%, 48%
HSV	94°, 66%, 72%
XYZ	25.0802, 38.2736, 10.6231
YIQ	149.4610, -1.9620, -52.5700

Conversions

Conversions Part 2

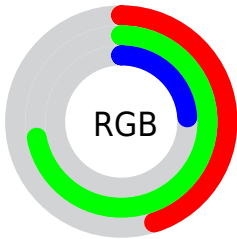
Format	Color
RYB	62, 184, 131
Decimal	7583806
CIELab	68.22, -42.32, 53.14
CIElCh	68, 67.933, 128.537
Yxy	38.2736, 0.3390, 0.5174
Android (android.graphics.Color)	4285773886 (0xFF73B83E)
YUV	149.4610, -43.1183, -30.2223
Hunter-Lab	61.8657, -35.9014, 33.1251

Details

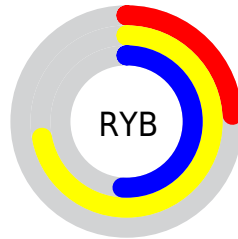
The Hex color **73B83E** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **833EB8**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ABF173**, and **3B8200** is the 20% darker color. If you saturate the color by 10%, you get **69B82C**, and if you desaturate by 10%, it is **7DB850**.

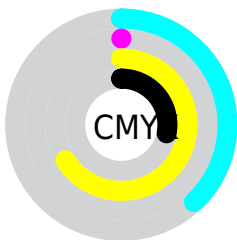
Distribution



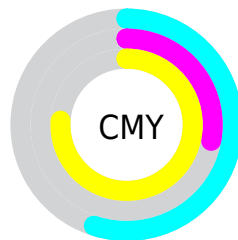
- Red (45%)
- Green (72%)
- Blue (24%)



- Red (24%)
- Yellow (72%)
- Blue (51%)



- Cyan (38%)
- Magenta (0%)
- Yellow (66%)
- Black (28%)



- Cyan (55%)
- Magenta (28%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73B83E 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 73B83E by changing the saturation by 10% instead.

 73B83E

 73B83E

FFFFFF

 579D22

 ABF173

 3B8200

 C8FF8E

 1C6900

 E5FFAA

 005000

 FFFFC6

 003800

 FFFFEE

 002300

 000000

 73B83E

 73B83E

 69B82C

 7DB850

■ 5EB819

■ 88B863

■ 54B807

■ 92B875

■ 50B800

■ 9DB888

■ A7B89A

■ B1B8AC

■ BCB8BF

■ C6B8D1

■ D1B8E4

Harmonies

Analogous

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



B5A918



73B83E



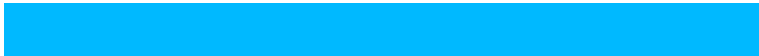
00C077

Triad

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



73B83E



00B9FF



FF6A97

Complementary

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



73B83E



833EB8

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.



FD74D5



73B83E



39A8FF

Square

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



73B83E



00C1F1



BF8EFF



FF7A5D

Rectangle

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



73B83E



00C3A1



BF8EFF



FF6BAC

Sweetspot

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



73B83E



D5F0C0



B8813E



68785B



F7F7F7



787878

Same Dimension

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



73B83E



83F030



3EB844



575C53



449C00



0C1C00

Inverse Universe

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



833EB8



9C30F0



B83EB2



58535C



58009C



10001C

Previews

White Background



This preview shows how the Hex color 73B83E looks on a white background.

Color Contrast Check

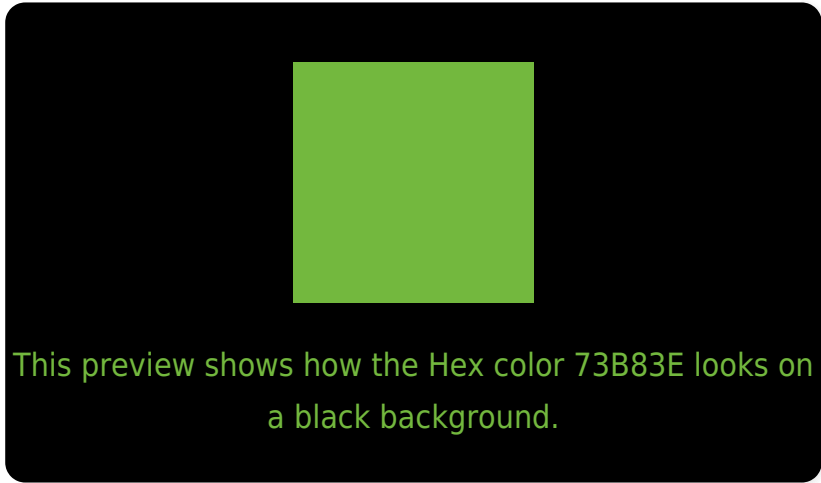
Large Text (above 18pt) WCAG AA × Fail

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 73B83E Background



This preview shows how black text looks on a background with the Hex color 73B83E.

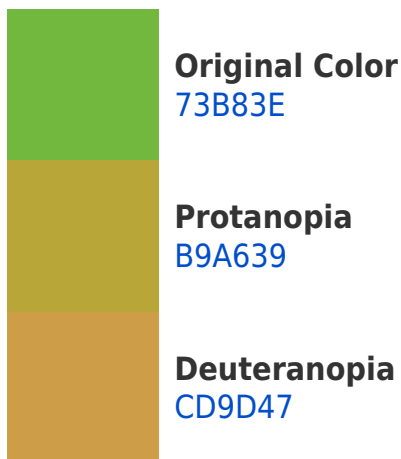


This preview shows how white text looks on a background with the Hex color 73B83E.

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



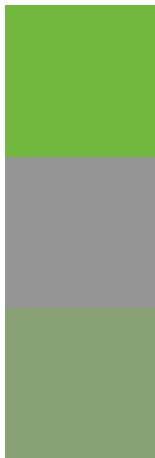
Original Color
73B83E

Protanomaly
A0AD3B

Deuteranomaly
ACA744

Tritanomaly
7EB08D

Monochromacy



Original Color
73B83E

Achromatopsia
959595

Achromatomaly
89A275

CSS Examples

Text

The CSS property to change the color of the text to Hex 73B83E 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 #73B83E looks like.

```
.text, #text, p{  
    color:#73B83E  
}
```

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 #73B83E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73B83E
}
```

Border

The CSS property to change the border of an element to Hex 73B83E 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
#73B83E }
```

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

```
.border{ border-color:#73B83E }
```

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

Here you see how a box with a 4 pixel #73B83E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73B83E; -webkit-box-shadow:4px 4px  
4px 4px #73B83E; box-shadow:4px 4px 4px  
4px #73B83E }
```

Background

The CSS property to change the background color of an element to Hex 73B83E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73B83E }
```

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

```
.background{ background-color:#73B83E }
```

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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