

Converting Colors

Hex(73A840)

Have a look what the booklet for
Hex(73A840) contains.

| | |
|--|----|
| Hex(73A840) | 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(73A840)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 73A840 |
| RGB | 115, 168, 64 |
| RGB Percent | 45%, 66%, 25% |
| CMY | 0.5490, 0.3412, 0.7490 |
| CMYK | 0.32, 0.00, 0.62, 0.34 |
| HSL | 91°, 45%, 45% |
| HSV | 91°, 62%, 66% |
| XYZ | 21.9983, 32.0203, 9.8716 |
| YIQ | 140.2970, 1.7960, -43.5800 |

Conversions

Conversions Part 2

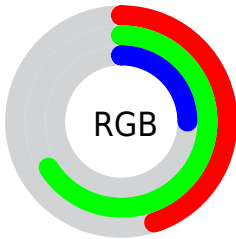
| Format | Color |
|-------------------------------------|--|
| RYB | 64, 168, 117 |
| Decimal | 7579712 |
| CIELab | 63.36, -35.08, 46.98 |
| CIELCh | 63, 58.632, 126.749 |
| Yxy | 32.0203, 0.3443, 0.5012 |
| Android (android.graphics.Color) | 4285769792 (0xFF73A840) |
| YUV | 140.2970, -37.6144, -22.1855 |
| Hunter-Lab | 56.5865, -29.6335, 29.2673 |

Details

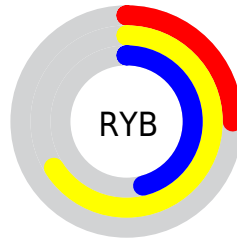
The Hex color **73A840** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7540A8**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **AAE074**, and **3E7305** is the 20% darker color. If you saturate the color by 10%, you get **6AA82F**, and if you desaturate by 10%, it is **7CA851**.

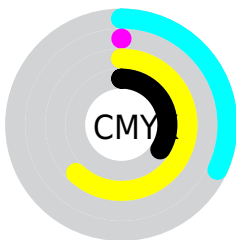
Distribution



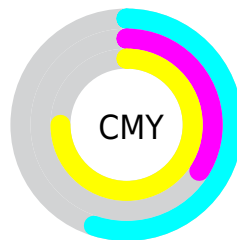
- Red (45%)
- Green (66%)
- Blue (25%)



- Red (25%)
- Yellow (66%)
- Blue (46%)



- Cyan (32%)
- Magenta (0%)
- Yellow (62%)
- Black (34%)



- Cyan (55%)
- Magenta (34%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73A840 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 73A840 by changing the saturation by 10% instead.

 73A840

 73A840

FFFFFF

 588D26

 AAE074

 3E7305

 C6FC8E

 225B00

 E3FFAA

 004300

 FFFFC6

 002C00

 FFFFEE

 001400

 000000

 73A840

 73A840

 6AA82F

 7CA851

■ 62A81E

■ 84A862

■ 59A80E

■ 8DA872

■ 52A800

■ 95A883

■ 9EA894

■ A6A8A5

■ AFA8B6

■ B7A8C6

■ C0A8D7

Harmonies

Analogous

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



AA9B27



73A840



00B06E

Triad

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



73A840



00AAF9



F86990

Complementary

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



73A840



7540A8

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.



E271C4



73A840



409BFF

Square

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



73A840



00B1D7



AB87ED



F2735E

Rectangle

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



73A840



00B292



AB87ED



F469A1

Sweetspot

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



73A840



C6DBB2



A87440



616E54



EDEDED



6E6E6E

Same Dimension

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



73A840



89DB39



40A840



50544C



499400



0A1400

Inverse Universe

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



7540A8



8C39DB



A840A8



504C54



4B0094



0A0014

Previews

White Background



This preview shows how the Hex color 73A840 looks on a white background.

Color Contrast Check

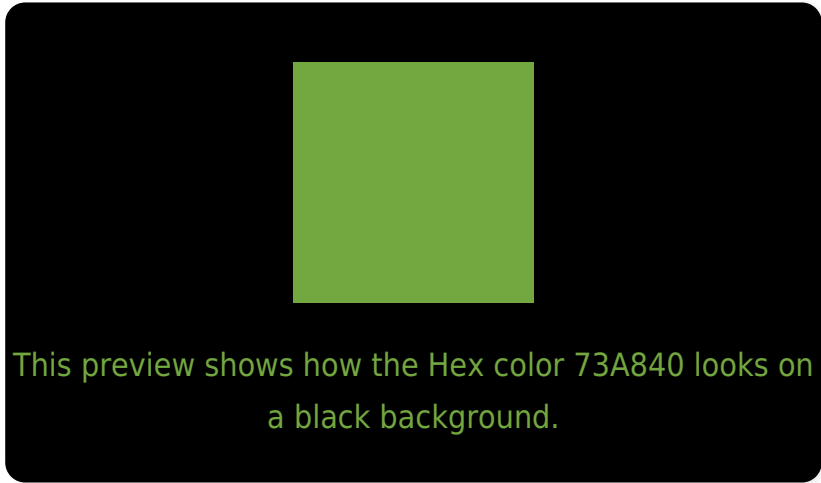
Large Text (above 18pt) WCAG AA × Fail

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 73A840 Background



This preview shows how black text looks on a background with the Hex color 73A840.



This preview shows how white text looks on a background with the Hex color 73A840.

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
73A840

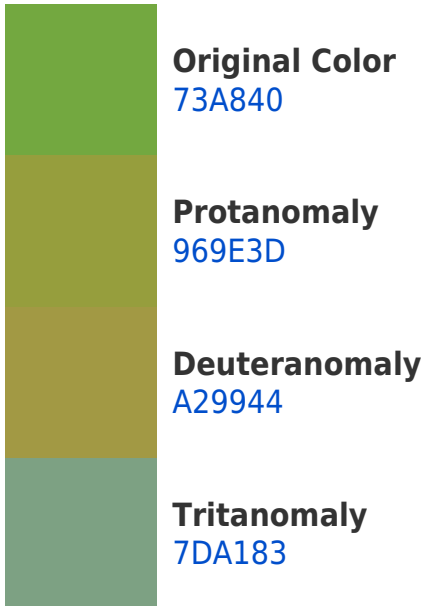
Protanopia
AA993C

Deuteranopia
BD9147



Tritanopia
829DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 73A840 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 #73A840 looks like.

```
.text, #text, p{  
    color:#73A840  
}
```

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 #73A840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73A840
}
```

Border

The CSS property to change the border of an element to Hex 73A840 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
#73A840 }
```

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

```
.border{ border-color:#73A840 }
```

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

Here you see how a box with a 4 pixel #73A840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73A840; -webkit-box-shadow:4px 4px  
4px 4px #73A840; box-shadow:4px 4px 4px  
4px #73A840 }
```

Background

The CSS property to change the background color of an element to Hex 73A840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73A840 }
```

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

```
.background{ background-color:#73A840 }
```

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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