

Converting Colors

Hex(73BF40)

Have a look what the booklet for
Hex(73BF40) contains.

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Color

Hex(73BF40)

Conversions

Conversions Part 1

Format	Color
Hex	73BF40
RGB	115, 191, 64
RGB Percent	45%, 75%, 25%
CMY	0.5490, 0.2510, 0.7490
CMYK	0.40, 0.00, 0.66, 0.25
HSL	96°, 50%, 50%
HSV	96°, 66%, 75%
XYZ	26.6264, 41.2766, 11.4143
YIQ	153.7980, -4.5290, -55.6090

Conversions

Conversions Part 2

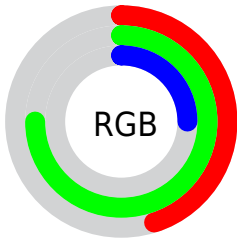
Format	Color
R _{YB}	64, 191, 140
Decimal	7585600
CIE Lab	70.37, -45.12, 54.61
CIE LCh	70, 70.838, 129.565
Yxy	41.2766, 0.3357, 0.5204
Android (android.graphics.Color)	4285775680 (0xFF73BF40)
YUV	153.7980, -44.2704, -34.0258
Hunter-Lab	64.2469, -38.4546, 34.4392

Details

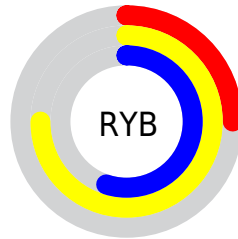
The Hex color **73BF40** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **8C40BF**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **ACF876**, and **3A8900** is the 20% darker color. If you saturate the color by 10%, you get **68BF2D**, and if you desaturate by 10%, it is **7EBF53**.

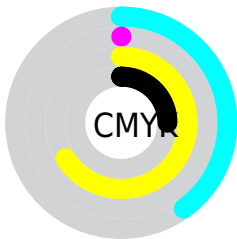
Distribution



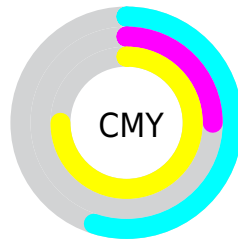
- Red (45%)
- Green (75%)
- Blue (25%)



- Red (25%)
- Yellow (75%)
- Blue (55%)



- Cyan (40%)
- Magenta (0%)
- Yellow (66%)
- Black (25%)



- Cyan (55%)
- Magenta (25%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73BF40 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 73BF40 by changing the saturation by 10% instead.



73BF40



73BF40

FFFFFF



57A424



ACF876



3A8900



C8FF91



186F00



E6FFAC



005600



FFFFC9



003E00



FFFFE6



002900



000300



000000



73BF40



73BF40

 68BF2D

 7EBF53

 5CBF1A

 8ABF66

 51BF07

 95BF79

 4DBF00

 A1BF8C

 ACBFA0

 B8BFB3

 C3BFC6

 CEBFD9

 DABFEC

Harmonies

Analogous

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



B9B013



73BF40



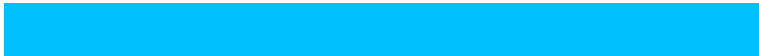
00C77D

Triad

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



73BF40



00BFFF



FF6D9A

Complementary

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



73BF40



8C40BF

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.



FF76DB



73BF40



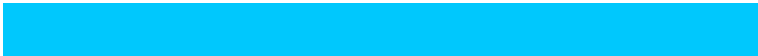
40ADFF

Square

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



73BF40



00C8FD



C992FF



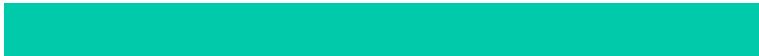
FF7E5D

Rectangle

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



73BF40



00CAA9



C992FF



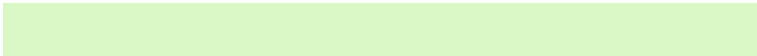
FF6DB0

Sweetspot

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



73BF40



DAF7C6



BF8A40



6B7D5F



FCFCFC



7D7D7D

Same Dimension

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



73BF40



81F731



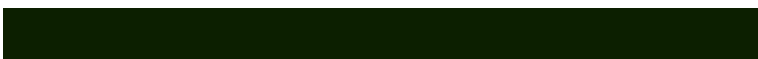
40BF4B



595E55



3F9E00



0C1F00

Inverse Universe

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



8C40BF



A831F7



BF40B4



5B555E



5F009E



12001F

Previews

White Background



This preview shows how the Hex color 73BF40 looks on a white background.

Color Contrast Check

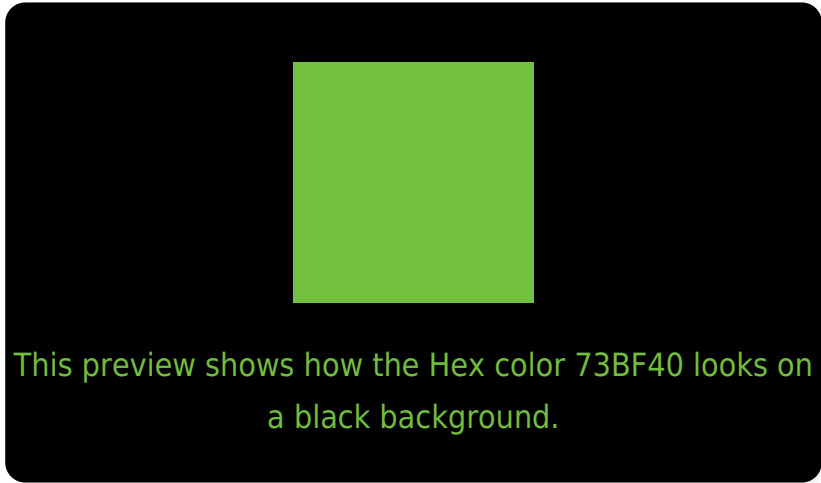
Large Text (above 18pt) WCAG AA × Fail

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 73BF40 Background



This preview shows how black text looks on a background with the Hex color 73BF40.

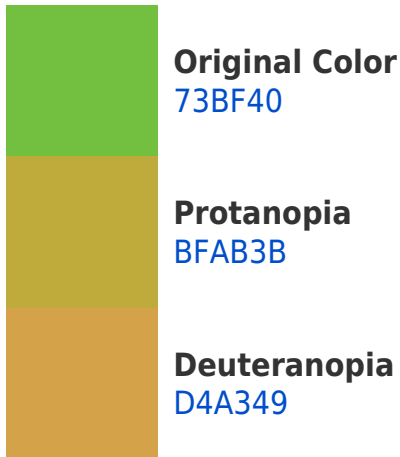


This preview shows how white text looks on a background with the Hex color 73BF40.

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
87B3C1

Trichromacy



Original Color

73BF40



Protanomaly

A3B23D



Deuteranomaly

B1AD46



Tritanomaly

80B792

Monochromacy



Original Color

73BF40



Achromatopsia

9A9A9A



Achromatomaly

8CA779

CSS Examples

Text

The CSS property to change the color of the text to Hex 73BF40 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 #73BF40 looks like.

```
.text, #text, p{  
    color:#73BF40  
}
```

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 #73BF40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73BF40
}
```

Border

The CSS property to change the border of an element to Hex 73BF40 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
#73BF40 }
```

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

```
.border{ border-color:#73BF40 }
```

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

Here you see how a box with a 4 pixel #73BF40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73BF40; -webkit-box-shadow:4px 4px  
4px 4px #73BF40; box-shadow:4px 4px 4px  
4px #73BF40 }
```

Background

The CSS property to change the background color of an element to Hex 73BF40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73BF40 }
```

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

```
.background{ background-color:#73BF40 }
```

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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