

Converting Colors

Hex(73B502)

Have a look what the booklet for
Hex(73B502) contains.

Hex(73B502)	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(73B502)

Conversions

Conversions Part 1

Format	Color
Hex	73B502
RGB	115, 181, 2
RGB Percent	45%, 71%, 1%
CMY	0.5490, 0.2902, 0.9922
CMYK	0.36, 0.00, 0.99, 0.29
HSL	82°, 98%, 36%
HSV	82°, 99%, 71%
XYZ	23.6051, 36.6970, 5.8965
YIQ	140.8600, 18.1230, -69.6610

Conversions

Conversions Part 2

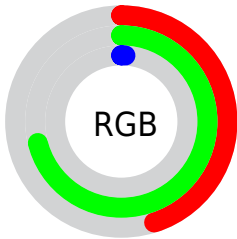
Format	Color
RYB	2, 181, 68
Decimal	7582978
CIELab	67.05, -43.68, 67.52
CIELCh	67, 80.419, 122.902
Yxy	36.6970, 0.3566, 0.5543
Android (android.graphics.Color)	4285773058 (0xFF73B502)
YUV	140.8600, -68.4580, -22.6792
Hunter-Lab	60.5780, -36.4566, 36.6334

Details

The Hex color **73B502** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4402B5**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **ACED4E**, and **398000** is the 20% darker color. If you saturate the color by 10%, you get **72B500**, and if you desaturate by 10%, it is **7AB514**.

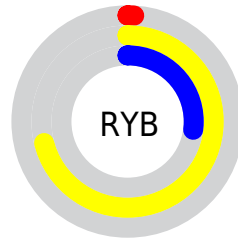
Distribution



Red (45%)

Green (71%)

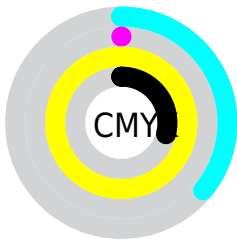
Blue (1%)



Red (1%)

Yellow (71%)

Blue (27%)

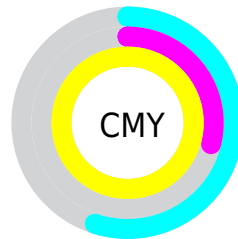


Cyan (36%)

Magenta (0%)

Yellow (99%)

Black (29%)



Cyan (55%)

Magenta (29%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73B502 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 73B502 by changing the saturation by 10% instead.



73B502



73B502

FFFFFF



569A00



ACED4E



398000



CAFF6A



186600



E7FF87



004D00



FFFFA3



003600



FFFFBF



002000



FFFFDD



000000



FFFFFFA



73B502



73B502

■ 72B500

■ 7AB514

■ 80B526

■ 87B538

■ 8EB54A

■ 94B55D

■ 9BB56F

■ A2B581

■ A8B593

■ AFB5A5

Harmonies

Analogous

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



BDA200



73B502



00BF5D

Triad

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



73B502



00BBFF



FF519F

Complementary

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



73B502



4402B5

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.



FE68E7



73B502



00AAFF

Square

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



73B502



00C3F0



A98CFF



FF6459

Rectangle

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



73B502



00C38F



A98CFF



FF55B8

Sweetspot

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



73B502



D1EBA4



B54402



66754B



F5F5F5



757575

Same Dimension

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



73B502



94EB00



1AB502



565950



619900



101A00

Inverse Universe

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



4402B5



5700EB



9D02B5



545059



380099



09001A

Previews

White Background



This preview shows how the Hex color 73B502 looks on a white background.

Color Contrast Check

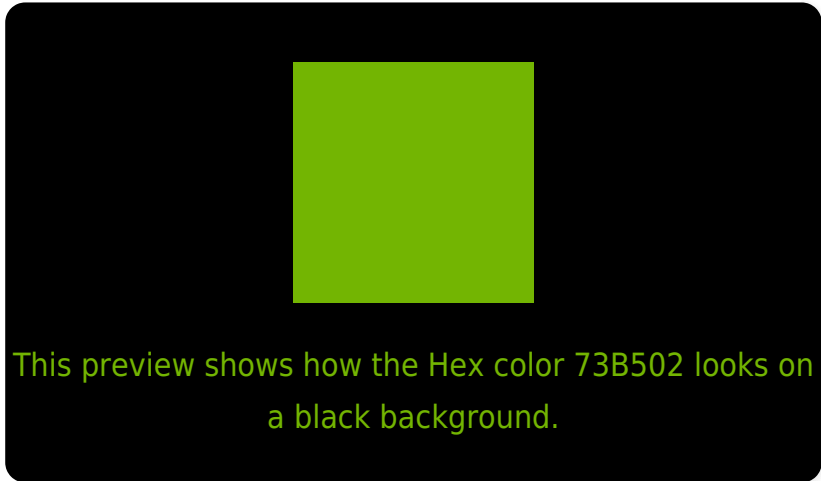
Large Text (above 18pt) WCAG AA × Fail

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 73B502 Background



This preview shows how black text looks on a background with the Hex color 73B502.

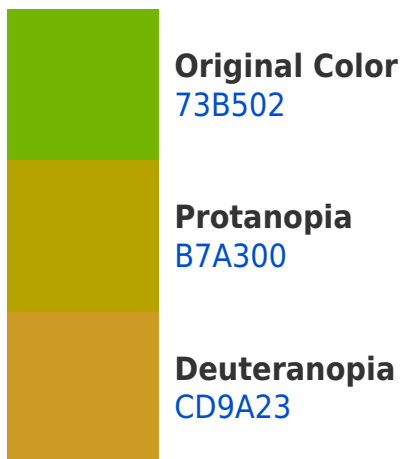


This preview shows how white text looks on a background with the Hex color 73B502.

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
86A8B6

Trichromacy



Original Color
73B502

Protanomaly
9EAA01

Deuteranomaly
ACA417

Tritanomaly
7FAD75

Monochromacy



Original Color
73B502

Achromatopsia
8D8D8D

Achromatomaly
849C5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 73B502 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 #73B502 looks like.

```
.text, #text, p{  
    color:#73B502  
}
```

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 #73B502 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73B502
}
```

Border

The CSS property to change the border of an element to Hex 73B502 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
#73B502 }
```

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

```
.border{ border-color:#73B502 }
```

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

Here you see how a box with a 4 pixel #73B502 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73B502; -webkit-box-shadow:4px 4px  
4px 4px #73B502; box-shadow:4px 4px 4px  
4px #73B502 }
```

Background

The CSS property to change the background color of an element to Hex 73B502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73B502 }
```

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

```
.background{ background-color:#73B502 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor