

Converting Colors

Hex(73B301)

Have a look what the booklet for
Hex(73B301) contains.

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Color

Hex(73B301)

Conversions

Conversions Part 1

Format	Color
Hex	73B301
RGB	115, 179, 1
RGB Percent	45%, 70%, 0%
CMY	0.5490, 0.2980, 0.9961
CMYK	0.36, 0.00, 0.99, 0.30
HSL	82°, 99%, 35%
HSV	82°, 99%, 70%
XYZ	23.1958, 35.8872, 5.7331
YIQ	139.5720, 18.9940, -68.9260

Conversions

Conversions Part 2

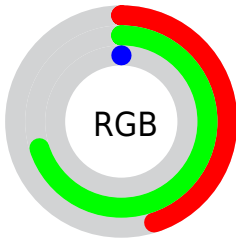
Format	Color
RYB	1, 179, 65
Decimal	7582465
CIELab	66.43, -42.86, 67.17
CIELCh	66, 79.674, 122.542
Yxy	35.8872, 0.3579, 0.5537
Android (android.graphics.Color)	4285772545 (0xFF73B301)
YUV	139.5720, -68.3160, -21.5496
Hunter-Lab	59.9060, -35.7195, 36.2600

Details

The Hex color **73B301** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4101B3**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **ACEB4D**, and **397E00** is the 20% darker color. If you saturate the color by 10%, you get **73B300**, and if you desaturate by 10%, it is **79B313**.

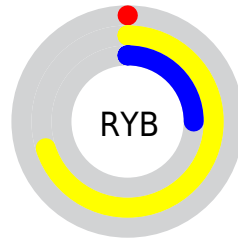
Distribution



Red (45%)

Green (70%)

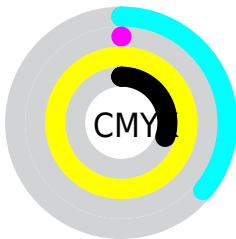
Blue (0%)



Red (0%)

Yellow (70%)

Blue (25%)

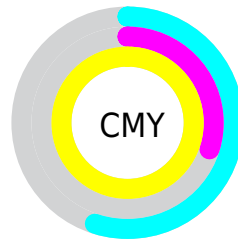


Cyan (36%)

Magenta (0%)

Yellow (99%)

Black (30%)



Cyan (55%)

Magenta (30%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73B301 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 73B301 by changing the saturation by 10% instead.

 73B301

 73B301

FFFFFF

 579800

 ACEB4D

 397E00

 C9FF6A

 186400

 E7FF86

 004C00

 FFFFA2

 003400

 FFFFBF

 001F00

 FFFFDC

 000000

 FFFFF9

 73B301

 73B301

■ 73B300

■ 79B313

■ 80B325

■ 86B337

■ 8DB349

■ 93B35B

■ 9AB36C

■ A0B37E

■ A6B390

■ ADB3A2

Harmonies

Analogous

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



BCA000



73B301



00BD5B

Triad

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



73B301



00BAFF



FF519F

Complementary

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



73B301



4101B3

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.



FB67E5



73B301



00A9FF

Square

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



73B301



00C1ED



A68BFF



FF6259

Rectangle

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



73B301



00C18D



A68BFF



FF54B7

Sweetspot

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



73B301



CFE8A2



B33F01



66754B



F5F5F5



757575

Same Dimension

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



73B301



95E800



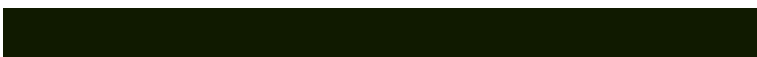
1CB301



565950



629900



101A00

Inverse Universe

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



4101B3



5300E8



9801B3



545059



370099



09001A

Previews

White Background



This preview shows how the Hex color 73B301 looks on a white background.

Color Contrast Check

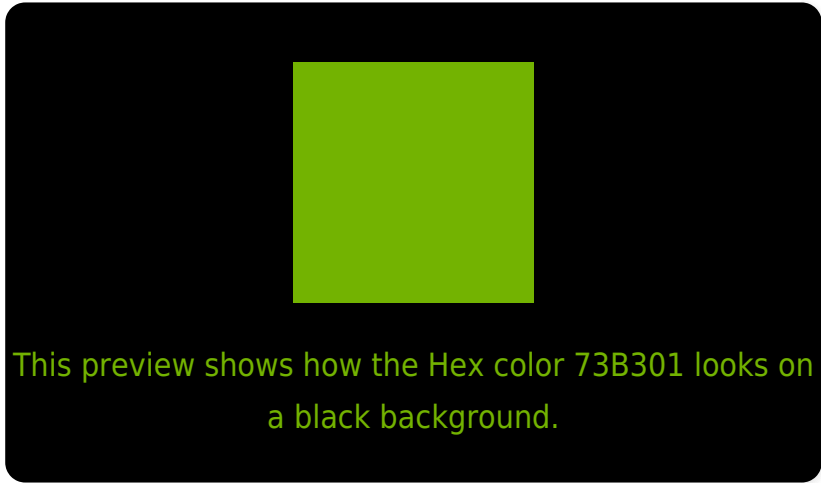
Large Text (above 18pt) WCAG AA × Fail

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 73B301 Background



This preview shows how black text looks on a background with the Hex color 73B301.



This preview shows how white text looks on a background with the Hex color 73B301.

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
73B301

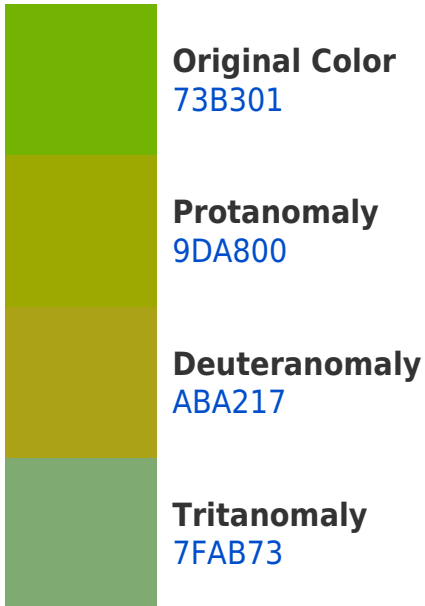
Protanopia
B5A100

Deuteranopia
CB9923



Tritanopia
86A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 73B301 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 #73B301 looks like.

```
.text, #text, p{  
    color:#73B301  
}
```

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 #73B301 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73B301
}
```

Border

The CSS property to change the border of an element to Hex 73B301 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
#73B301 }
```

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

```
.border{ border-color:#73B301 }
```

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

Here you see how a box with a 4 pixel #73B301 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73B301; -webkit-box-shadow:4px 4px  
4px 4px #73B301; box-shadow:4px 4px 4px  
4px #73B301 }
```

Background

The CSS property to change the background color of an element to Hex 73B301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73B301 }
```

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

```
.background{ background-color:#73B301 }
```

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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