

Converting Colors

Hex(73B200)

Have a look what the booklet for
Hex(73B200) contains.

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Color

Hex(73B200)

Conversions

Conversions Part 1

Format	Color
Hex	73B200
RGB	115, 178, 0
RGB Percent	45%, 70%, 0%
CMY	0.5490, 0.3020, 1.0000
CMYK	0.35, 0.00, 1.00, 0.30
HSL	81°, 100%, 35%
HSV	81°, 100%, 70%
XYZ	22.9906, 35.4856, 5.6377
YIQ	138.8710, 19.5900, -68.7140

Conversions

Conversions Part 2

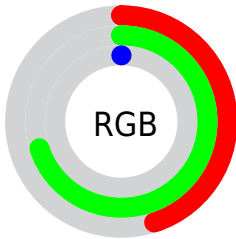
Format	Color
RYB	0, 178, 63
Decimal	7582208
CIELab	66.13, -42.45, 67.05
CIELCh	66, 79.360, 122.339
Yxy	35.4856, 0.3586, 0.5535
Android (android.graphics.Color)	4285772288 (0xFF73B200)
YUV	138.8710, -68.4634, -20.9349
Hunter-Lab	59.5698, -35.3561, 36.0877

Details

The Hex color **73B200** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **3F00B2**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **ACEA4D**, and **397D00** is the 20% darker color. If you saturate the color by 10%, you get **73B200**, and if you desaturate by 10%, it is **79B212**.

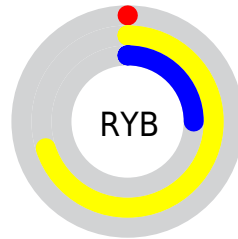
Distribution



Red (45%)

Green (70%)

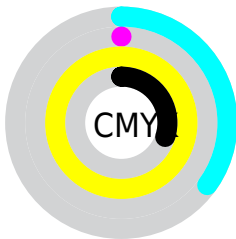
Blue (0%)



Red (0%)

Yellow (70%)

Blue (25%)

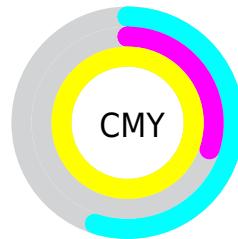


Cyan (35%)

Magenta (0%)

Yellow (100%)

Black (30%)



Cyan (55%)

Magenta (30%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73B200 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 73B200 by changing the saturation by 10% instead.

 73B200

 73B200

FFFFFF

 579700

 ACEA4D

 397D00

 C9FF69

 196300

 E7FF85

 004B00

 FFFFA1

 003300

 FFFFBE

 001E00

 FFFFDB

 000000

 FFFFF8

 73B200

 79B212

 80B224

 86B235

 8CB247

 93B259

 99B26B

 9FB27D

 A5B28E

 ACB2A0

Harmonies

Analogous

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



BC9F00



73B200



00BC5A

Triad

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



73B200



00B9FF



FF519E

Complementary

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



73B200



3F00B2

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.



F967E4



73B200



00A8FF

Square

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



73B200



00C0EB



A48BFF



FF6259

Rectangle

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



73B200



00C08B



A48BFF



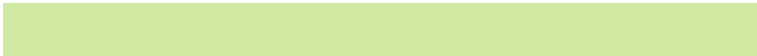
FF54B6

Sweetspot

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



73B200



CFE8A2



B23E00



66754B



F5F5F5



757575

Same Dimension

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



73B200



96E800



1BB200



565950



639900



101A00

Inverse Universe

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



3F00B2



5200E8



9700B2



535059



360099



09001A

Previews

White Background



This preview shows how the Hex color 73B200 looks on a white background.

Color Contrast Check

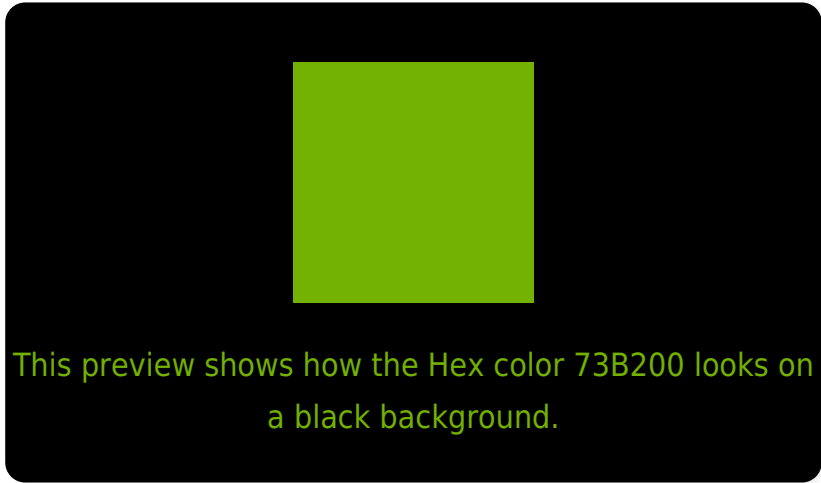
Large Text (above 18pt) WCAG AA × Fail

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 73B200 Background



This preview shows how black text looks on a background with the Hex color 73B200.

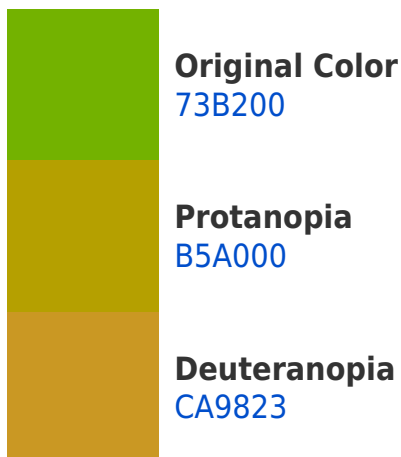


This preview shows how white text looks on a background with the Hex color 73B200.

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
86A5B3

Trichromacy



Original Color
73B200

Protanomaly
9DA700

Deuteranomaly
AAA116

Tritanomaly
7FAA72

Monochromacy



Original Color
73B200

Achromatopsia
8B8B8B

Achromatomaly
829958

CSS Examples

Text

The CSS property to change the color of the text to Hex 73B200 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 #73B200 looks like.

```
.text, #text, p{  
    color:#73B200  
}
```

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 #73B200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73B200
}
```

Border

The CSS property to change the border of an element to Hex 73B200 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
#73B200 }
```

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

```
.border{ border-color:#73B200 }
```

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

Here you see how a box with a 4 pixel #73B200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73B200; -webkit-box-shadow:4px 4px  
4px 4px #73B200; box-shadow:4px 4px 4px  
4px #73B200 }
```

Background

The CSS property to change the background color of an element to Hex 73B200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73B200 }
```

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

```
.background{ background-color:#73B200 }
```

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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