

Converting Colors

Hex(73C10C)

Have a look what the booklet for
Hex(73C10C) contains.

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Color

Hex(73C10C)

Conversions

Conversions Part 1

Format	Color
Hex	73C10C
RGB	115, 193, 12
RGB Percent	45%, 76%, 5%
CMY	0.5490, 0.2431, 0.9529
CMYK	0.40, 0.00, 0.94, 0.24
HSL	86°, 88%, 40%
HSV	86°, 94%, 76%
XYZ	26.2066, 41.8113, 7.0370
YIQ	149.0440, 11.6130, -72.8270

Conversions

Conversions Part 2

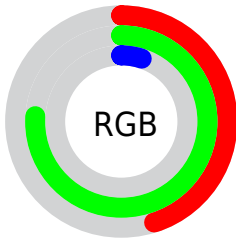
Format	Color
RYB	12, 193, 90
Decimal	7586060
CIELab	70.74, -48.45, 69.29
CIELCh	71, 84.550, 124.962
Yxy	41.8113, 0.3492, 0.5571
Android (android.graphics.Color)	4285776140 (0xFF73C10C)
YUV	149.0440, -67.5627, -29.8566
Hunter-Lab	64.6617, -40.8141, 38.8108

Details

The Hex color **73C10C** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **5A0CC1**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ADFA54**, and **378B00** is the 20% darker color. If you saturate the color by 10%, you get **6EC100**, and if you desaturate by 10%, it is **7BC11F**.

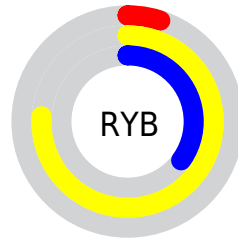
Distribution



Red (45%)

Green (76%)

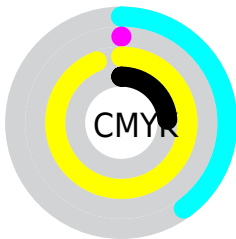
Blue (5%)



Red (5%)

Yellow (76%)

Blue (35%)

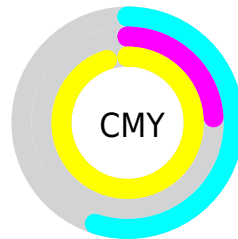


Cyan (40%)

Magenta (0%)

Yellow (94%)

Black (24%)



Cyan (55%)

Magenta (24%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73C10C 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 73C10C by changing the saturation by 10% instead.



73C10C



73C10C

FFFFFF



56A500



ADFA54



378B00



CBFF70



117100



E8FF8C



005700



FFFFA9



003F00



FFFFC6



002A00



FFFFE3



000500



000000



73C10C



73C10C

■ 6EC100

■ 7BC11F

■ 84C133

■ 8CC146

■ 94C159

■ 9DC16D

■ A5C180

■ ADC193

■ B6C1A6

■ BEC1BA

Harmonies

Analogous

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



C4AE00



73C10C



00CB68

Triad

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



73C10C



00C6FF



FF56A4

Complementary

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



73C10C



5A0CC1

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.



FF6BF0



73C10C



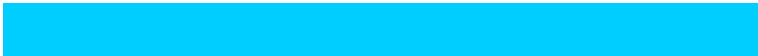
00B3FF

Square

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



73C10C



00CEFF



BC92FF



FF6C59

Rectangle

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



73C10C



00CF9D



BC92FF



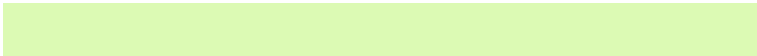
FF58BE

Sweetspot

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



73C10C



DCFAB4



C1570C



6B7D52



FCFCFC



7D7D7D

Same Dimension

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



73C10C



8EFA00



1BC10C



5D6157



5BA100



132100

Inverse Universe

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



5A0CC1



6C00FA



B20CC1



5B5761



4500A1



0E0021

Previews

White Background



This preview shows how the Hex color 73C10C looks on a white background.

Color Contrast Check

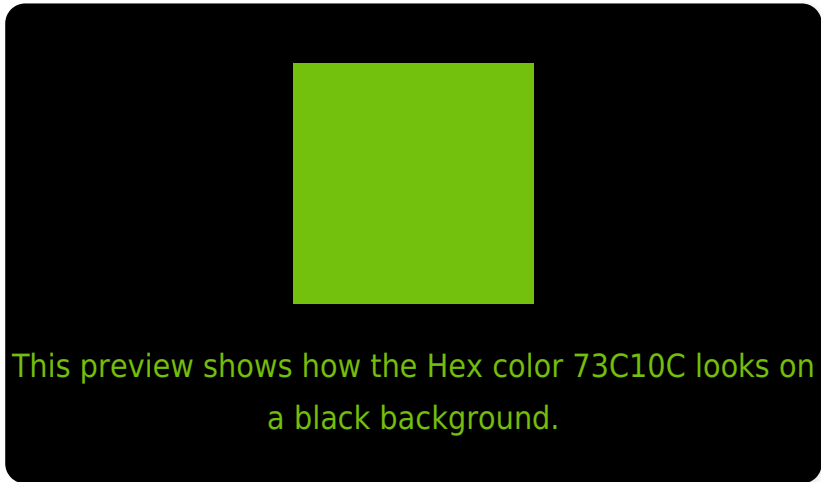
Large Text (above 18pt) WCAG AA × Fail

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 73C10C Background



This preview shows how black text looks on a background with the Hex color 73C10C.

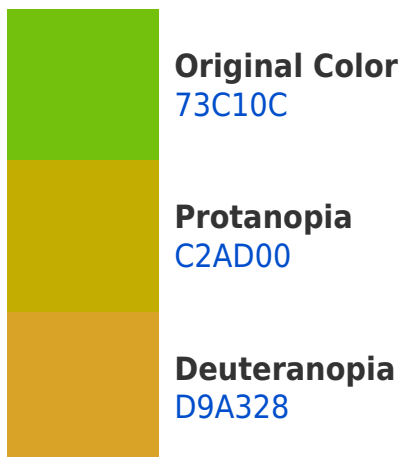


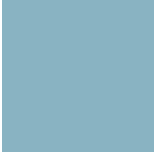
This preview shows how white text looks on a background with the Hex color 73C10C.

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
89B3C2

Trichromacy



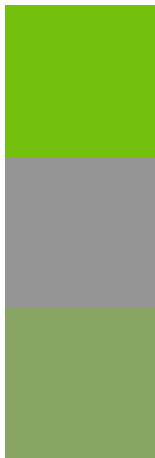
Original Color
73C10C

Protanomaly
A5B404

Deuteranomaly
B4AE1E

Tritanomaly
81B880

Monochromacy



Original Color
73C10C

Achromatopsia
959595

Achromatomaly
89A563

CSS Examples

Text

The CSS property to change the color of the text to Hex 73C10C 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 #73C10C looks like.

```
.text, #text, p{  
    color:#73C10C  
}
```

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 #73C10C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73C10C
}
```

Border

The CSS property to change the border of an element to Hex 73C10C 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
#73C10C }
```

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

```
.border{ border-color:#73C10C }
```

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

Here you see how a box with a 4 pixel #73C10C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73C10C; -webkit-box-shadow:4px 4px  
4px 4px #73C10C; box-shadow:4px 4px 4px  
4px #73C10C }
```

Background

The CSS property to change the background color of an element to Hex 73C10C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73C10C }
```

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

```
.background{ background-color:#73C10C }
```

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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