

Converting Colors

Hex(74C315)

Have a look what the booklet for
Hex(74C315) contains.

Hex(74C315)	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(74C315)

Conversions

Conversions Part 1

Format	Color
Hex	74C315
RGB	116, 195, 21
RGB Percent	45%, 76%, 8%
CMY	0.5451, 0.2353, 0.9176
CMYK	0.41, 0.00, 0.89, 0.24
HSL	87°, 81%, 42%
HSV	87°, 89%, 76%
XYZ	26.8529, 42.7974, 7.5549
YIQ	151.5430, 8.7700, -70.8620

Conversions

Conversions Part 2

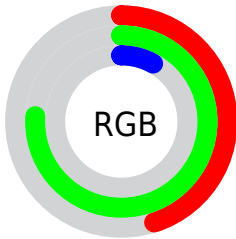
Format	Color
R _Y B	21, 195, 100
Decimal	7652117
CIE Lab	71.42, -48.71, 68.54
CIE LCh	71, 84.083, 125.404
Yxy	42.7974, 0.3478, 0.5543
Android (android.graphics.Color)	4285842197 (0xFF74C315)
YUV	151.5430, -64.3577, -31.1712
Hunter-Lab	65.4197, -41.2153, 38.9468

Details

The Hex color **74C315** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **6415C3**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **AEFC58**, and **388D00** is the 20% darker color. If you saturate the color by 10%, you get **6BC302**, and if you desaturate by 10%, it is **7DC329**.

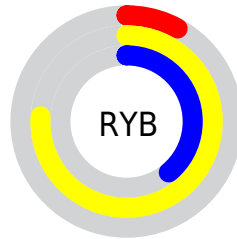
Distribution



Red (45%)

Green (76%)

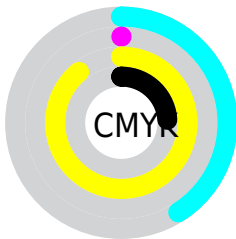
Blue (8%)



Red (8%)

Yellow (76%)

Blue (39%)

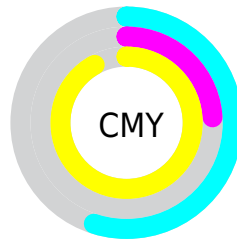


Cyan (41%)

Magenta (0%)

Yellow (89%)

Black (24%)



Cyan (55%)

Magenta (24%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74C315 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 74C315 by changing the saturation by 10% instead.

 74C315

 74C315

FFFFFF

 57A700

 AEFC58

 388D00

 CCFF74

 127200

 E9FF90

 005900

 FFFFAD

 004100

 FFFFC9

 002B00

 FFFFE7

 000A00

 000000

 74C315

 74C315

 6BC302

 7DC329

 6AC300

 86C33C

 8FC34F

 97C363

 A0C377

 A9C38A

 B2C39E

 BBC3B1

 C4C3C4

Harmonies

Analogous

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



C5B000



74C315



00CD6B

Triad

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



74C315



00C8FF



FF59A4

Complementary

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



74C315



6415C3

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.



FF6DF0



74C315



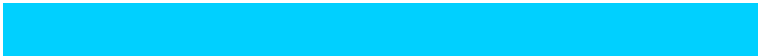
00B4FF

Square

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



74C315



00D0FF



C094FF



FF6F5A

Rectangle

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



74C315



00D1A0



C094FF



FF5BBE

Sweetspot

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



74C315



DEFCE8



C36315



6D8057



000000



808080

Same Dimension

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



74C315



8AFC00



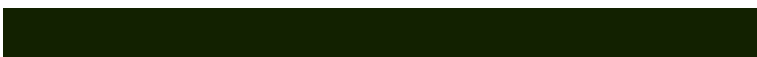
1EC315



5D6157



58A100



122100

Inverse Universe

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



6415C3



7300FC



BA15C3



5C5761



4900A1



0F0021

Previews

White Background



This preview shows how the Hex color 74C315 looks on a white background.

Color Contrast Check

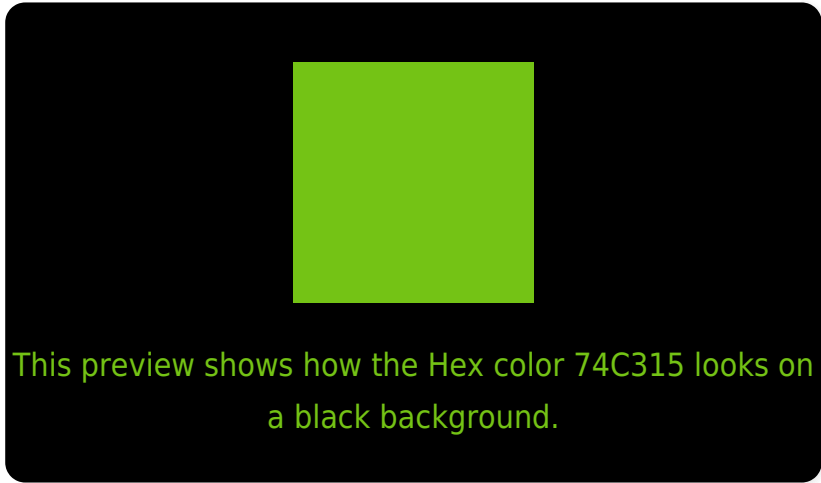
Large Text (above 18pt) WCAG AA × Fail

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 74C315 Background



This preview shows how black text looks on a background with the Hex color 74C315.



This preview shows how white text looks on a background with the Hex color 74C315.

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](#).

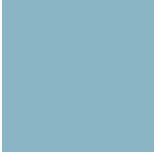
Dichromacy



Original Color
74C315

Protanopia
C4AE0C

Deuteranopia
DBA52B



Tritanopia
8AB5C4

Trichromacy



Original Color
74C315

Protanomaly
A7B60F

Deuteranomaly
B6B023

Tritanomaly
82BA84

Monochromacy



Original Color
74C315

Achromatopsia
989898

Achromatomaly
8BA868

CSS Examples

Text

The CSS property to change the color of the text to Hex 74C315 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 #74C315 looks like.

```
.text, #text, p{  
    color:#74C315  
}
```

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 #74C315 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74C315
}
```

Border

The CSS property to change the border of an element to Hex 74C315 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
#74C315 }
```

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

```
.border{ border-color:#74C315 }
```

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

Here you see how a box with a 4 pixel #74C315 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74C315; -webkit-box-shadow:4px 4px  
4px 4px #74C315; box-shadow:4px 4px 4px  
4px #74C315 }
```

Background

The CSS property to change the background color of an element to Hex 74C315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74C315 }
```

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

```
.background{ background-color:#74C315 }
```

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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