

Converting Colors

Hex(75CA14)

Have a look what the booklet for
Hex(75CA14) contains.

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Color

Hex(75CA14)

Conversions

Conversions Part 1

Format	Color
Hex	75CA14
RGB	117, 202, 20
RGB Percent	46%, 79%, 8%
CMY	0.5412, 0.2078, 0.9216
CMYK	0.42, 0.00, 0.90, 0.21
HSL	88°, 82%, 44%
HSV	88°, 90%, 79%
XYZ	28.5829, 46.0735, 8.0484
YIQ	155.8370, 7.7620, -74.6220

Conversions

Conversions Part 2

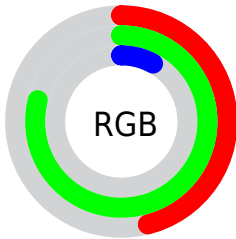
Format	Color
RYB	20, 202, 105
Decimal	7719444
CIELab	73.59, -51.19, 70.54
CIELCh	74, 87.154, 125.971
Yxy	46.0735, 0.3456, 0.5571
Android (android.graphics.Color)	4285909524 (0xFF75CA14)
YUV	155.8370, -66.9676, -34.0600
Hunter-Lab	67.8774, -43.6199, 40.4840

Details

The Hex color **75CA14** 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 **6914CA**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B0FF58**, and **389300** is the 20% darker color. If you saturate the color by 10%, you get **6CCA00**, and if you desaturate by 10%, it is **7ECA28**.

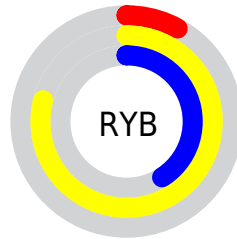
Distribution



Red (46%)

Green (79%)

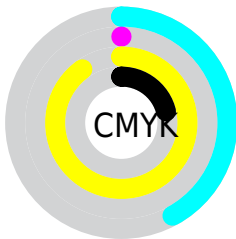
Blue (8%)



Red (8%)

Yellow (79%)

Blue (41%)

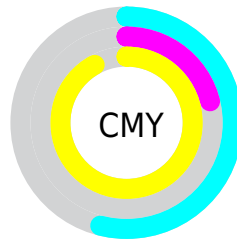


Cyan (42%)

Magenta (0%)

Yellow (90%)

Black (21%)



Cyan (54%)

Magenta (21%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75CA14 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 75CA14 by changing the saturation by 10% instead.

 75CA14

 75CA14

FFFFFF

 57AE00

 B0FF58

 389300

 CDFF75

 0E7900

 EBFF91

 005F00

 FFFFAE

 004600

 FFFFCB

 003000

 FFFFEB

 001500

 000000

 75CA14

 75CA14

 6CCA00

 7ECA28

 88CA3C

 91CA51

 9BCA65

 A4CA79

 AECA8D

 B7CAA1

 C0CAB6

 CACACA

Harmonies

Analogous

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



CAB700



75CA14



00D470

Triad

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



75CA14



00CEFF



FF5AA8

Complementary

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



75CA14



6914CA

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.



FF6FF8



75CA14



00BAFF

Square

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



75CA14



00D7FF



C898FF



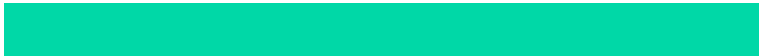
FF725B

Rectangle

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



75CA14



00D8A7



C898FF



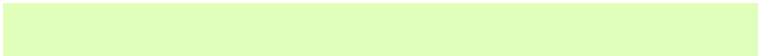
FF5CC3

Sweetspot

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



75CA14



DFFFBA



CA6914



6C8057



000000



808080

Same Dimension

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



75CA14



88FF00



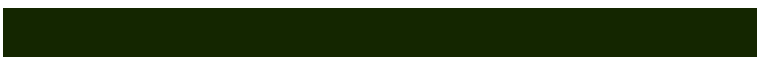
1ACA14



61665C



58A600



142600

Inverse Universe

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



6914CA



7700FF



C414CA



615C66



4D00A6



120026

Previews

White Background



This preview shows how the Hex color 75CA14 looks on a white background.

Color Contrast Check

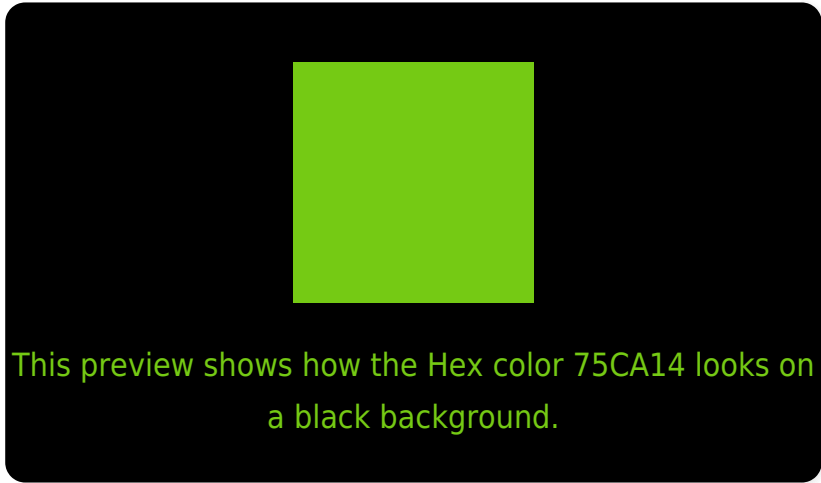
Large Text (above 18pt) WCAG AA × Fail

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 75CA14 Background



This preview shows how black text looks on a background with the Hex color 75CA14.



This preview shows how white text looks on a background with the Hex color 75CA14.

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](#).

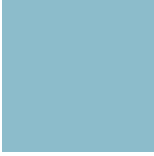
Dichromacy



Original Color
75CA14

Protanopia
CBB409

Deuteranopia
E2AB2C



Tritanopia
8CBCCB

Trichromacy



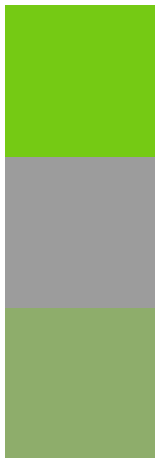
Original Color
75CA14

Protanomaly
ACBC0D

Deuteranomaly
BAB623

Tritanomaly
84C188

Monochromacy



Original Color
75CA14

Achromatopsia
9C9C9C

Achromatomaly
8EAD6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 75CA14 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 #75CA14 looks like.

```
.text, #text, p{  
    color:#75CA14  
}
```

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 #75CA14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75CA14
}
```

Border

The CSS property to change the border of an element to Hex 75CA14 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
#75CA14 }
```

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

```
.border{ border-color:#75CA14 }
```

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

Here you see how a box with a 4 pixel #75CA14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75CA14; -webkit-box-shadow:4px 4px  
4px 4px #75CA14; box-shadow:4px 4px 4px  
4px #75CA14 }
```

Background

The CSS property to change the background color of an element to Hex 75CA14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75CA14 }
```

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

```
.background{ background-color:#75CA14 }
```

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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