

# Converting Colors

Hex(74E114)

Have a look what the booklet for  
Hex(74E114) contains.

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# **Color**

**Hex(74E114)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74E114
RGB	116, 225, 20
RGB Percent	45%, 88%, 8%
CMY	0.5451, 0.1176, 0.9216
CMYK	0.48, 0.00, 0.91, 0.12
HSL	92°, 84%, 48%
HSV	92°, 91%, 88%
XYZ	34.2539, 57.6139, 9.9771
YIQ	169.0390, 0.8410, -86.8630

# Conversions

## Conversions Part 2

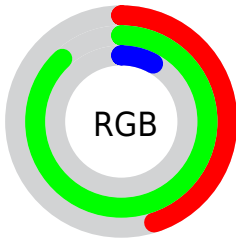
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 225, 129
Decimal	7659796
CIELab	80.52, -60.23, 76.25
CIELCh	81, 97.173, 128.305
Yxy	57.6139, 0.3363, 0.5657
Android (android.graphics.Color)	4285849876 (0xFF74E114)
YUV	169.0390, -73.4762, -46.5152
Hunter-Lab	75.9038, -52.2781, 45.3394

# Details

The Hex color **74E114** 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 **8114E1**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **B1FF5D**, and **30A900** is the 20% darker color. If you saturate the color by 10%, you get **69E100**, and if you desaturate by 10%, it is **80E12B**.

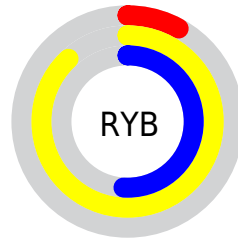
# Distribution



Red (45%)

Green (88%)

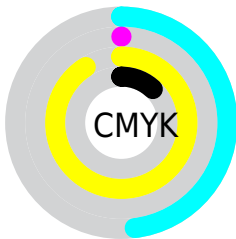
Blue (8%)



Red (8%)

Yellow (88%)

Blue (51%)

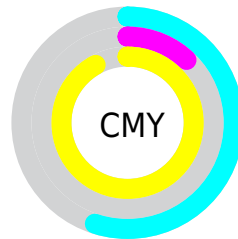


Cyan (48%)

Magenta (0%)

Yellow (91%)

Black (12%)



Cyan (55%)

Magenta (12%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74E114 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 74E114 by changing the saturation by 10% instead.



 74E114

 74E114

FFFFFF

 54C500

 B1FF5D

 30A900

 CFFF7A

 008E00

 EEFF97

 007300

 FFFFB4

 005900

 FFFFD2

 004000

 FFFFEE

 002900

 000400

 000000

 74E114

 74E114

 69E100

 80E12B

 8CE141

 98E157

 A4E16E

 B0E184

 BCE19B

 C8E1B2

 D4E1C8

 E0E1DE

# Harmonies

## Analogous

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



D9CC00



74E114



00EC80

# Triad

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



74E114



00E3FF



FF5EB3

# Complementary

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



74E114



8114E1

# 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.



FF73FF



74E114



00CBFF

# Square

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



74E114



00EEFF



E8A3FF



FF7E5B

# Rectangle

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



74E114



00EFC0



E8A3FF



FF5ED1

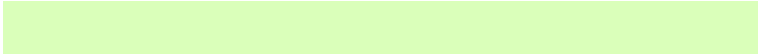


# Sweetspot

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



74E114



DAFFBA



E17E14



6A8057



000000



808080



# Same Dimension

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



74E114



77FF00



14E117



6A7065



52B000



173000



# Inverse Universe

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



8114E1



8800FF



E114DE



6B6570



5E00B0

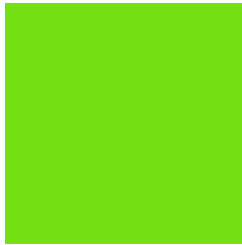


1A0030



# Previews

## White Background



This preview shows how the Hex color 74E114 looks on a white background.

## Color Contrast Check

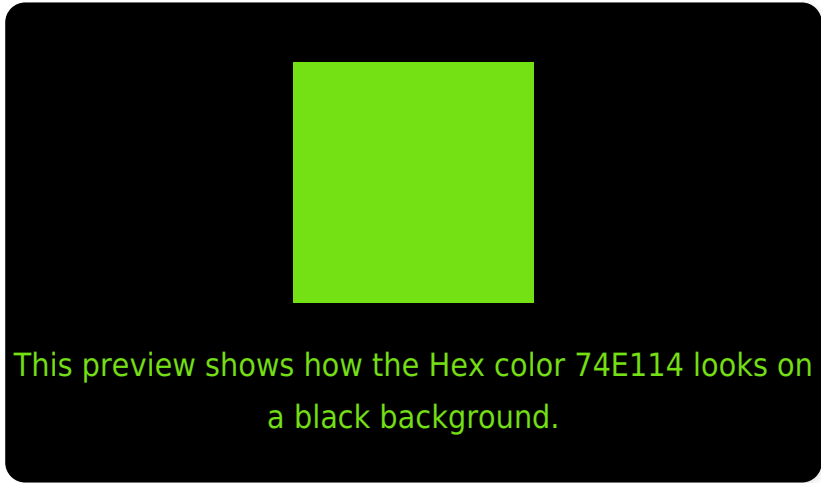
Large Text (above 18pt) WCAG AA × Fail

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 74E114 Background



This preview shows how black text looks on a background with the Hex color 74E114.



This preview shows how white text looks on a background with the Hex color 74E114.

# 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](#).

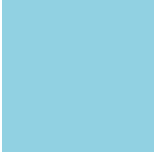
## Dichromacy



**Original Color**  
74E114

**Protanopia**  
E0C700

**Deuteranopia**  
FABC31



**Tritanopia**  
91D1E2

# Trichromacy



**Original Color**  
74E114

**Protanomaly**  
B9D007

**Deuteranomaly**  
C9C926

**Tritanomaly**  
86D797

# Monochromacy



**Original Color**  
74E114

**Achromatopsia**  
A9A9A9

**Achromatomaly**  
96BD73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74E114 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 #74E114 looks like.

```
.text, #text, p{  
    color:#74E114  
}
```

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 #74E114 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74E114
}
```

## Border

The CSS property to change the border of an element to Hex 74E114 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
#74E114 }
```

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

```
.border{ border-color:#74E114 }
```

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

Here you see how a box with a 4 pixel #74E114 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74E114; -webkit-box-shadow:4px 4px  
4px 4px #74E114; box-shadow:4px 4px 4px  
4px #74E114 }
```

# Background

The CSS property to change the background color of an element to Hex 74E114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74E114 }
```

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

```
.background{ background-color:#74E114 }
```

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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