

# Converting Colors

Hex(74BE0E)

Have a look what the booklet for  
Hex(74BE0E) contains.

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**Color**

**Hex(74BE0E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74BE0E
RGB	116, 190, 14
RGB Percent	45%, 75%, 5%
CMY	0.5451, 0.2549, 0.9451
CMYK	0.39, 0.00, 0.93, 0.25
HSL	85°, 86%, 40%
HSV	85°, 93%, 75%
XYZ	25.6952, 40.5716, 6.8923
YIQ	147.8100, 12.3920, -70.4240

# Conversions

## Conversions Part 2

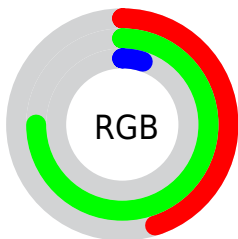
Format	Color
<a href="#">RYB</a>	<a href="#">14, 190, 88</a>
Decimal	<a href="#">7650830</a>
CIELab	<a href="#">69.87, -46.85, 68.35</a>
CIELCh	<a href="#">70, 82.866, 124.426</a>
Yxy	<a href="#">40.5716, 0.3512, 0.5546</a>
Android (android.graphics.Color)	<a href="#">4285840910 (0xFF74BE0E)</a>
YUV	<a href="#">147.8100, -65.9683, -27.8974</a>
Hunter-Lab	<a href="#">63.6959, -39.4601, 38.1715</a>

# Details

The Hex color **74BE0E** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **580EBE**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **AEF754**, and **398800** is the 20% darker color. If you saturate the color by 10%, you get **6EBE00**, and if you desaturate by 10%, it is **7CBE21**.

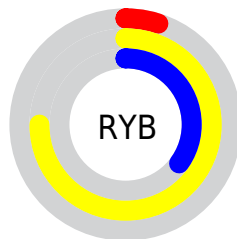
# Distribution



Red (45%)

Green (75%)

Blue (5%)



Red (5%)

Yellow (75%)

Blue (35%)

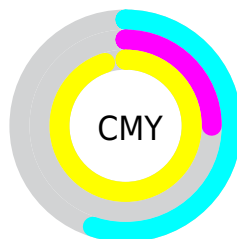


Cyan (39%)

Magenta (0%)

Yellow (93%)

Black (25%)



Cyan (55%)

Magenta (25%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74BE0E 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 74BE0E by changing the saturation by 10% instead.



 74BE0E

 74BE0E

FFFFFF

 57A300


 AEF754

 398800

 CBFF70

 166E00

 E9FF8C

 005500

 FFFFA9

 003D00

 FFFFC6

 002800

 FFFF E3

 000000

 74BE0E

 74BE0E

 6EBE00

 7CBE21

 84BE34

 8CBE47

 94BE5A

 9CBE6D

 A4BE80

 ACBE93

 B4BEA6

 BCBEB9

# Harmonies

## Analogous

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



C3AB00



74BE0E



00C866

# Triad

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



74BE0E



00C3FF



FF56A3

# Complementary

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



74BE0E



580EBE

# 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.



FF6BED



74BE0E



00B1FF

# Square

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



74BE0E



00CBFE



B791FF



FF6B5A

# Rectangle

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



74BE0E



00CC9A



B791FF



FF59BC



# Sweetspot

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



74BE0E



DAF7B2



BE570E



6B7D52



FCFCFC



7D7D7D



# Same Dimension

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



74BE0E



8FF700



1DBE0E



5A5E55



5C9E00



121F00



# Inverse Universe

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



580EBE



6800F7



AF0EBE



59555E



42009E



0D001F



# Previews

## White Background



This preview shows how the Hex color 74BE0E looks on a white background.

## Color Contrast Check

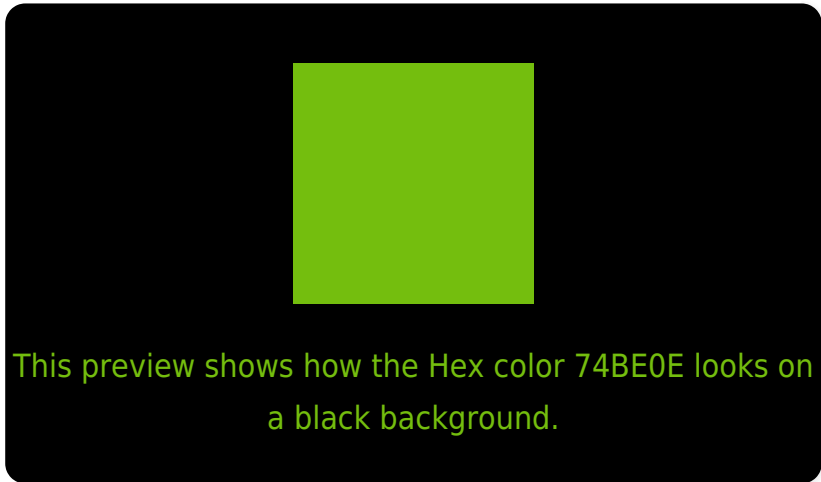
Large Text (above 18pt) WCAG AA × Fail

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 74BE0E Background



This preview shows how black text looks on a background with the Hex color 74BE0E.

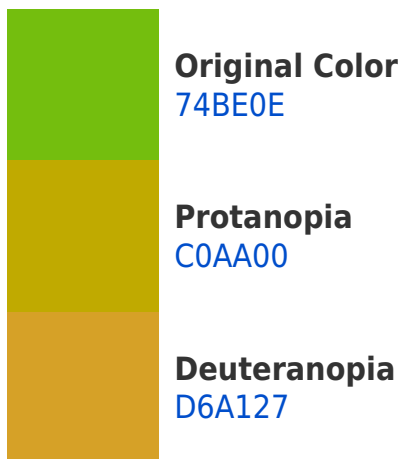


This preview shows how white text looks on a background with the Hex color 74BE0E.

# 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**  
89B1BF

# Trichromacy



**Original Color**

74BE0E



**Protanomaly**

A4B105



**Deuteranomaly**

B2AC1E



**Tritanomaly**

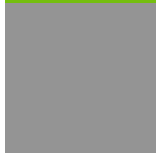
81B67F

# Monochromacy



**Original Color**

74BE0E



**Achromatopsia**

949494



**Achromatomaly**

88A363

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74BE0E 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 #74BE0E looks like.

```
.text, #text, p{  
    color:#74BE0E  
}
```

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 #74BE0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74BE0E
}
```

## Border

The CSS property to change the border of an element to Hex 74BE0E 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
#74BE0E }
```

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

```
.border{ border-color:#74BE0E }
```

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

Here you see how a box with a 4 pixel #74BE0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74BE0E; -webkit-box-shadow:4px 4px  
4px 4px #74BE0E; box-shadow:4px 4px 4px  
4px #74BE0E }
```

# Background

The CSS property to change the background color of an element to Hex 74BE0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74BE0E }
```

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

```
.background{ background-color:#74BE0E }
```

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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