

Converting Colors

Hex(74E41B)

Have a look what the booklet for
Hex(74E41B) contains.

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Color

Hex(74E41B)

Conversions

Conversions Part 1

Format	Color
Hex	74E41B
RGB	116, 228, 27
RGB Percent	45%, 89%, 11%
CMY	0.5451, 0.1059, 0.8941
CMYK	0.49, 0.00, 0.88, 0.11
HSL	93°, 79%, 50%
HSV	93°, 88%, 89%
XYZ	35.1437, 59.2789, 10.6266
YIQ	171.5980, -2.2310, -86.2550

Conversions

Conversions Part 2

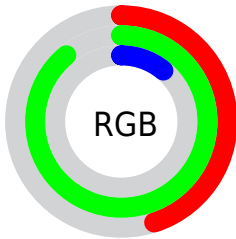
Format	Color
RYB	27, 228, 139
Decimal	7660571
CIELab	81.44, -61.15, 75.93
CIElCh	81, 97.488, 128.847
Yxy	59.2789, 0.3345, 0.5643
Android (android.graphics.Color)	4285850651 (0xFF74E41B)
YUV	171.5980, -71.2868, -48.7594
Hunter-Lab	76.9928, -53.2604, 45.7117

Details

The Hex color **74E41B** 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 **8B1BE4**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **B1FF60**, and **30AC00** is the 20% darker color. If you saturate the color by 10%, you get **67E404**, and if you desaturate by 10%, it is **81E432**.

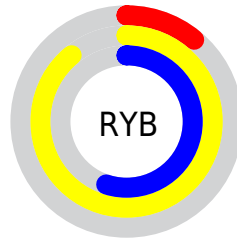
Distribution



Red (45%)

Green (89%)

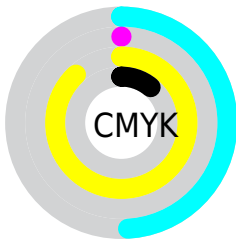
Blue (11%)



Red (11%)

Yellow (89%)

Blue (55%)

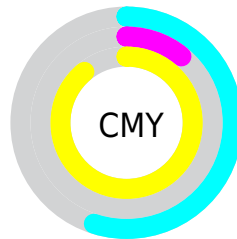


Cyan (49%)

Magenta (0%)

Yellow (88%)

Black (11%)



Cyan (55%)

Magenta (11%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74E41B 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 74E41B by changing the saturation by 10% instead.

 74E41B

 74E41B


FFFFFF

 54C700

 B1FF60

 30AC00

 CFFF7D

 009000

 EEFF9A

 007600

 FFFFB8

 005C00

 FFFF55

 004300

 FFFF33

 002C00

 000A00

 000000

 74E41B

 74E41B

 67E404

 81E432

 65E400

 8DE449

 9AE45F

 A7E476

 B4E48D

 C0E4A4

 CDE4BB

 DAE4D1

 E6E4E8

Harmonies

Analogous

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



DACF00



74E41B



00EF84

Triad

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



74E41B



00E6FF



FF60B3

Complementary

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



74E41B



8B1BE4

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.



FF75FF



74E41B



00CDFF

Square

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



74E41B



00F1FF



EDA4FF



FF815C

Rectangle

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



74E41B



00F2C4



EDA4FF



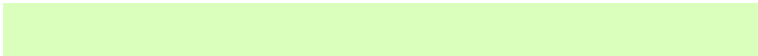
FF61D2

Sweetspot

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



74E41B



DAFFBD



E48A1B



698058



000000



808080

Same Dimension

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



74E41B



71FF00



1BE425



6C7367



4FB300



173300

Inverse Universe

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



8B1BE4



8E00FF



E41BDA



6E6773



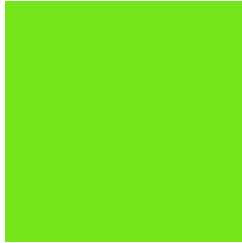
6300B3



1C0033

Previews

White Background



This preview shows how the Hex color 74E41B looks on a white background.

Color Contrast Check

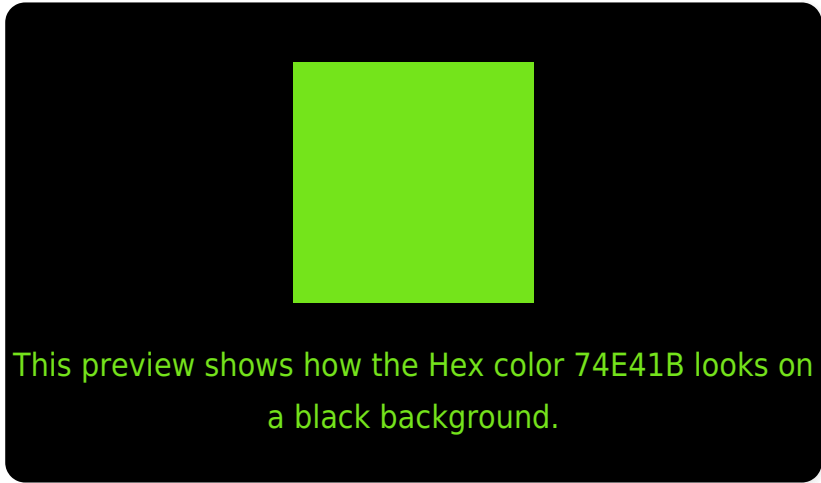
Large Text (above 18pt) WCAG AA × Fail

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 74E41B Background



This preview shows how black text looks on a background with the Hex color 74E41B.

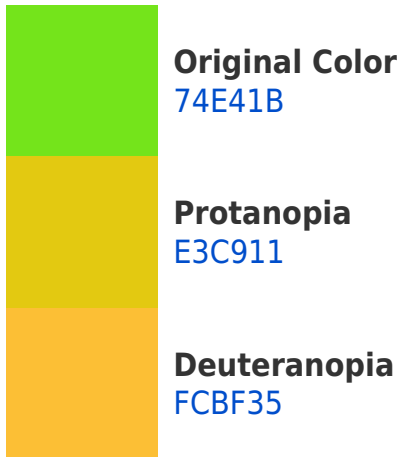


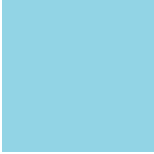
This preview shows how white text looks on a background with the Hex color 74E41B.

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](#).

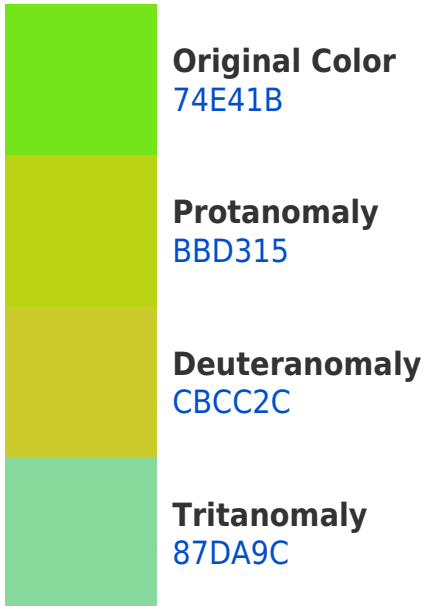
Dichromacy



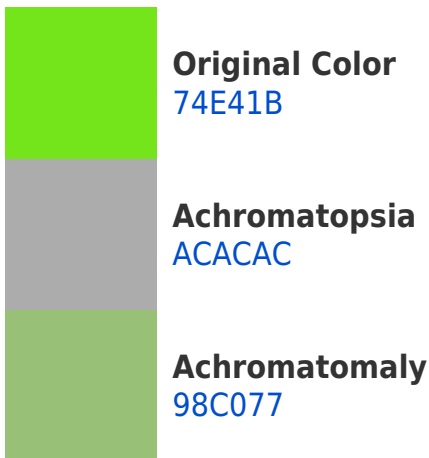


Tritanopia
92D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74E41B 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 #74E41B looks like.

```
.text, #text, p{  
    color:#74E41B  
}
```

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 #74E41B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74E41B
}
```

Border

The CSS property to change the border of an element to Hex 74E41B 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
#74E41B }
```

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

```
.border{ border-color:#74E41B }
```

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

Here you see how a box with a 4 pixel #74E41B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74E41B; -webkit-box-shadow:4px 4px  
4px 4px #74E41B; box-shadow:4px 4px 4px  
4px #74E41B }
```

Background

The CSS property to change the background color of an element to Hex 74E41B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74E41B }
```

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

```
.background{ background-color:#74E41B }
```

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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