

Converting Colors

Hex(75BC41)

Have a look what the booklet for
Hex(75BC41) contains.

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Color

Hex(75BC41)

Conversions

Conversions Part 1

Format	Color
Hex	75BC41
RGB	117, 188, 65
RGB Percent	46%, 74%, 25%
CMY	0.5412, 0.2627, 0.7451
CMYK	0.38, 0.00, 0.65, 0.26
HSL	95°, 49%, 50%
HSV	95°, 65%, 74%
XYZ	26.2735, 40.1300, 11.3621
YIQ	152.7490, -2.8330, -53.3050

Conversions

Conversions Part 2

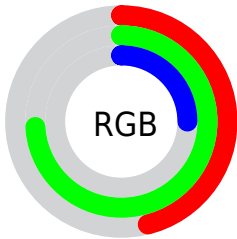
Format	Color
RYB	65, 188, 136
Decimal	7715905
CIELab	69.56, -43.09, 53.36
CIElCh	70, 68.589, 128.923
Yxy	40.1300, 0.3379, 0.5160
Android (android.graphics.Color)	4285905985 (0xFF75BC41)
YUV	152.7490, -43.2603, -31.3519
Hunter-Lab	63.3482, -36.8272, 33.7095

Details

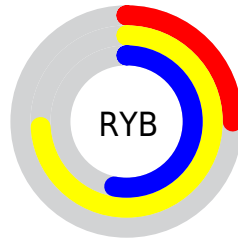
The Hex color **75BC41** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8841BC**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **ADF576**, and **3D8600** is the 20% darker color. If you saturate the color by 10%, you get **6ABC2E**, and if you desaturate by 10%, it is **80BC54**.

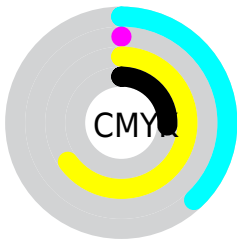
Distribution



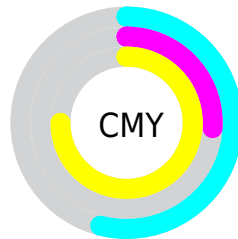
- Red (46%)
- Green (74%)
- Blue (25%)



- Red (25%)
- Yellow (74%)
- Blue (53%)



- Cyan (38%)
- Magenta (0%)
- Yellow (65%)
- Black (26%)



- Cyan (54%)
- Magenta (26%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75BC41 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 75BC41 by changing the saturation by 10% instead.



75BC41



75BC41

FFFFFF



59A125



ADF576



3D8600



CAFF91



1D6C00



E7FFAD



005300



FFFFC9



003B00



FFFFE6



002700



000000



75BC41



75BC41



6ABC2E



80BC54

 5FBC1B

 8BBC67

 54BC09

 96BC79

 4FBC00

 A0BC8C

 ABBC9F

 B6BCB2

 C1BCC5

 CCBCD7

 D7BCEA

Harmonies

Analogous

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



B8AD1A



75BC41



00C47B

Triad

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



75BC41



00BDFE



FF6D9A

Complementary

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



75BC41



8841BC

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.



FF77D8



75BC41



41ABFF

Square

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



75BC41



00C5F7



C491FF



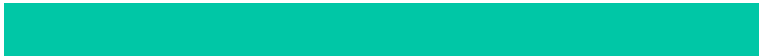
FF7D5F

Rectangle

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



75BC41



00C7A6



C491FF



FF6EAF

Sweetspot

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



75BC41



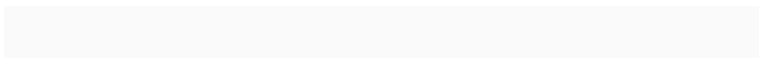
D9F5C4



BC8741



697A5D



FAFAFA



7A7A7A

Same Dimension

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



75BC41



85F533



41BC49



595E55



439E00



0D1F00

Inverse Universe

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



8841BC



A333F5



BC41B4



5A555E



5B009E



12001F

Previews

White Background



This preview shows how the Hex color 75BC41 looks on a white background.

Color Contrast Check

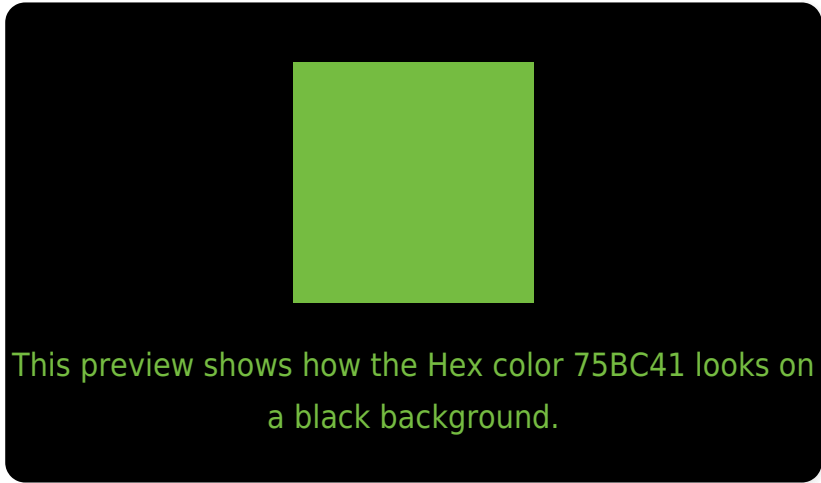
Large Text (above 18pt) WCAG AA × Fail

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 75BC41 Background



This preview shows how black text looks on a background with the Hex color 75BC41.

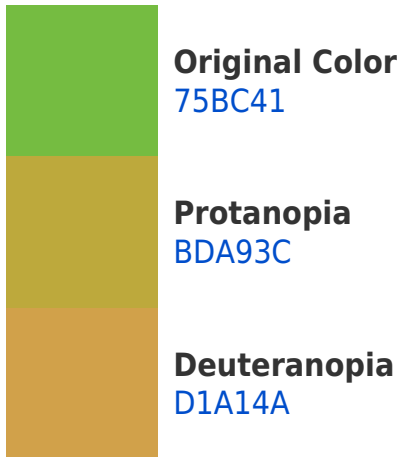


This preview shows how white text looks on a background with the Hex color 75BC41.

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
88B0BE

Trichromacy



Original Color
75BC41



Protanomaly
A3B03E



Deuteranomaly
B0AB47



Tritanomaly
81B491

Monochromacy



Original Color
75BC41



Achromatopsia
999999



Achromatomaly
8CA679

CSS Examples

Text

The CSS property to change the color of the text to Hex 75BC41 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 #75BC41 looks like.

```
.text, #text, p{  
    color:#75BC41  
}
```

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 #75BC41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75BC41
}
```

Border

The CSS property to change the border of an element to Hex 75BC41 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
#75BC41 }
```

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

```
.border{ border-color:#75BC41 }
```

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

Here you see how a box with a 4 pixel #75BC41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75BC41; -webkit-box-shadow:4px 4px  
4px 4px #75BC41; box-shadow:4px 4px 4px  
4px #75BC41 }
```

Background

The CSS property to change the background color of an element to Hex 75BC41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75BC41 }
```

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

```
.background{ background-color:#75BC41 }
```

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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