

Converting Colors

Hex(75BE4B)

Have a look what the booklet for
Hex(75BE4B) contains.

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Color

Hex(75BE4B)

Conversions

Conversions Part 1

Format	Color
Hex	75BE4B
RGB	117, 190, 75
RGB Percent	46%, 75%, 29%
CMY	0.5412, 0.2549, 0.7059
CMYK	0.38, 0.00, 0.61, 0.25
HSL	98°, 47%, 52%
HSV	98°, 61%, 75%
XYZ	27.0196, 41.1168, 13.1689
YIQ	155.0630, -6.5930, -51.2410

Conversions

Conversions Part 2

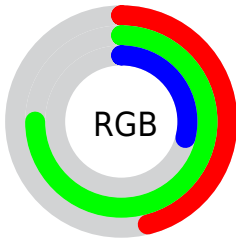
Format	Color
RYB	75, 190, 148
Decimal	7716427
CIELab	70.26, -43.04, 49.81
CIELCh	70, 65.830, 130.826
Yxy	41.1168, 0.3323, 0.5057
Android (android.graphics.Color)	4285906507 (0xFF75BE4B)
YUV	155.0630, -39.4711, -33.3813
Hunter-Lab	64.1224, -36.9988, 32.7092

Details

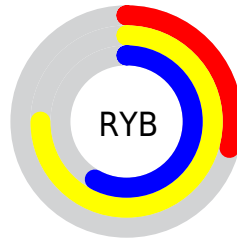
The Hex color **75BE4B** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **944BBE**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **ADF780**, and **3D8813** is the 20% darker color. If you saturate the color by 10%, you get **69BE38**, and if you desaturate by 10%, it is **81BE5E**.

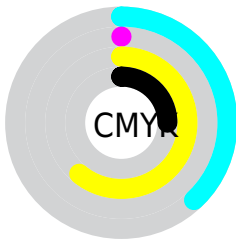
Distribution



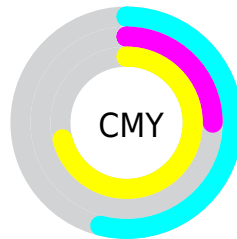
- Red (46%)
- Green (75%)
- Blue (29%)



- Red (29%)
- Yellow (75%)
- Blue (58%)



- Cyan (38%)
- Magenta (0%)
- Yellow (61%)
- Black (25%)



- Cyan (54%)
- Magenta (25%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75BE4B 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 75BE4B by changing the saturation by 10% instead.



75BE4B



75BE4B

FFFFFF



59A331



ADF780



3D8813



CAFF9B



1E6E00



E7FFB7



005500



FFFFD3



003D00



FFFFF0



002800



000200



000000



75BE4B



75BE4B

 69BE38

 81BE5E

 5DBE25

 8DBE71

 51BE12

 99BE84

 45BE00

 A5BE97

 B1BEAA

 BDBEBD

 C9BED0

 D5BEE3

 E2BEF6

Harmonies

Analogous

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



B7B028



75BE4B



00C682

Triad

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



75BE4B



00BDFE



FF7498

Complementary

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



75BE4B



944BBE

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.



FF7BD4



75BE4B



5BABFF

Square

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



75BE4B



00C6F9



CB92FF



FF8360

Rectangle

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



75BE4B



00C8AC



CB92FF



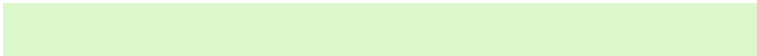
FF73AD

Sweetspot

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



75BE4B



DBF7CB



BE944B



6C7D61



FCFCFC



7D7D7D

Same Dimension

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



75BE4B



85F743



4BBE5A



585E55



3A9E00



0B1F00

Inverse Universe

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



944BBE



B543F7



BE4BAF



5B555E



64009E



13001F

Previews

White Background



This preview shows how the Hex color 75BE4B looks on a white background.

Color Contrast Check

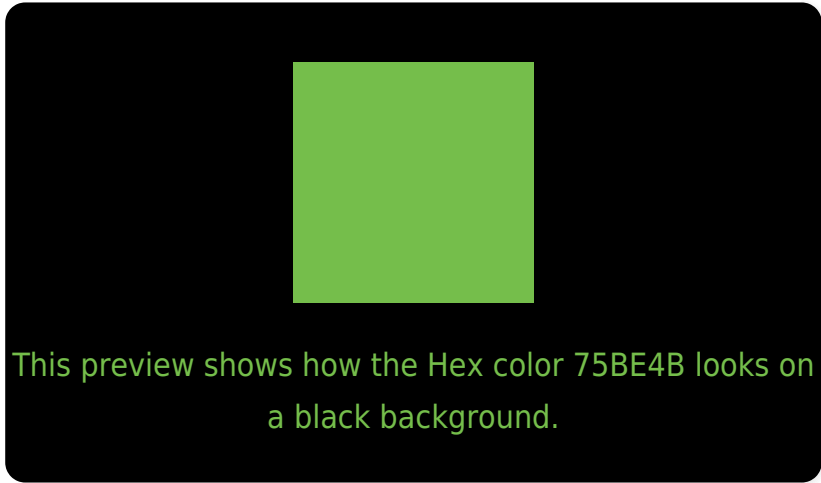
Large Text (above 18pt) WCAG AA × Fail

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 75BE4B Background



This preview shows how black text looks on a background with the Hex color 75BE4B.

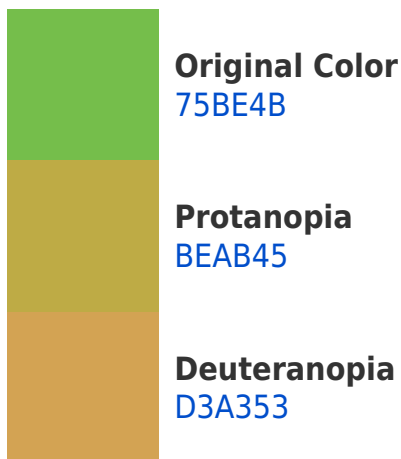


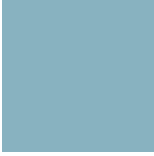
This preview shows how white text looks on a background with the Hex color 75BE4B.

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
88B2C0

Trichromacy



Original Color

75BE4B



Protanomaly

A3B247



Deuteranomaly

B1AD50



Tritanomaly

81B695

Monochromacy



Original Color

75BE4B



Achromatopsia

9B9B9B



Achromatomaly

8DA87E

CSS Examples

Text

The CSS property to change the color of the text to Hex 75BE4B 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 #75BE4B looks like.

```
.text, #text, p{  
    color:#75BE4B  
}
```

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 #75BE4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75BE4B
}
```

Border

The CSS property to change the border of an element to Hex 75BE4B 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
#75BE4B }
```

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

```
.border{ border-color:#75BE4B }
```

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

Here you see how a box with a 4 pixel #75BE4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75BE4B; -webkit-box-shadow:4px 4px  
4px 4px #75BE4B; box-shadow:4px 4px 4px  
4px #75BE4B }
```

Background

The CSS property to change the background color of an element to Hex 75BE4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75BE4B }
```

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

```
.background{ background-color:#75BE4B }
```

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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