

Converting Colors

Hex(76B942)

Have a look what the booklet for
Hex(76B942) contains.

Hex(76B942)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(76B942)

Conversions

Conversions Part 1

Format	Color
Hex	76B942
RGB	118, 185, 66
RGB Percent	46%, 73%, 26%
CMY	0.5373, 0.2745, 0.7412
CMYK	0.36, 0.00, 0.64, 0.27
HSL	94°, 47%, 49%
HSV	94°, 64%, 73%
XYZ	25.8035, 38.9428, 11.3110
YIQ	151.4010, -1.7330, -51.2130

Conversions

Conversions Part 2

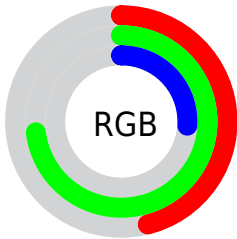
Format	Color
RYB	66, 185, 133
Decimal	7780674
CIELab	68.71, -41.37, 52.03
CIELCh	69, 66.477, 128.489
Yxy	38.9428, 0.3393, 0.5120
Android (android.graphics.Color)	4285970754 (0xFF76B942)
YUV	151.4010, -42.1027, -29.2927
Hunter-Lab	62.4042, -35.3993, 32.9364

Details

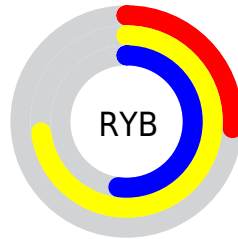
The Hex color **76B942** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8542B9**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **AEF277**, and **3F8302** is the 20% darker color. If you saturate the color by 10%, you get **6CB930**, and if you desaturate by 10%, it is **80B955**.

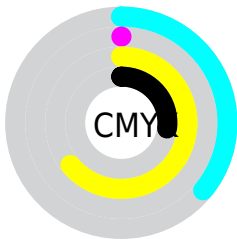
Distribution



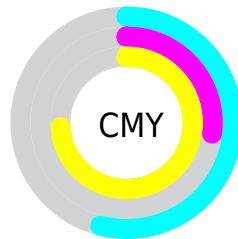
- Red (46%)
- Green (73%)
- Blue (26%)



- Red (26%)
- Yellow (73%)
- Blue (52%)



- Cyan (36%)
- Magenta (0%)
- Yellow (64%)
- Black (27%)



- Cyan (54%)
- Magenta (27%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76B942 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 76B942 by changing the saturation by 10% instead.



76B942



76B942

FFFFFF



5A9E27



AEF277



3F8302



CBFF92



206A00



E8FFAE



005100



FFFFCA



003900



FFFFE7



002500



000000



76B942



76B942



6CB930



80B955

■ 61B91D

■ 8BB967

■ 57B90A

■ 95B97A

■ 51B900

■ A0B98C

■ AAB99F

■ B4B9B1

■ BFB9C4

■ C9B9D6

■ D4B9E9

Harmonies

Analogous

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



B7AA1F



76B942



00C179

Triad

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



76B942



00BAFF



FF6E99

Complementary

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



76B942



8542B9

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.



FD77D5



76B942



43A9FF

Square

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



76B942



00C2F1



C090FF



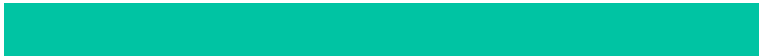
FF7C60

Rectangle

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



76B942



00C4A3



C090FF



FF6EAD

Sweetspot

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



76B942



D6F0C2



B98342



68785C



F7F7F7



787878

Same Dimension

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



76B942



88F037



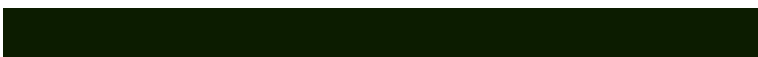
42B948



575C53



449C00



0C1C00

Inverse Universe

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



8542B9



9F37F0



B942B3



58535C



58009C



10001C

Previews

White Background



This preview shows how the Hex color 76B942 looks on a white background.

Color Contrast Check

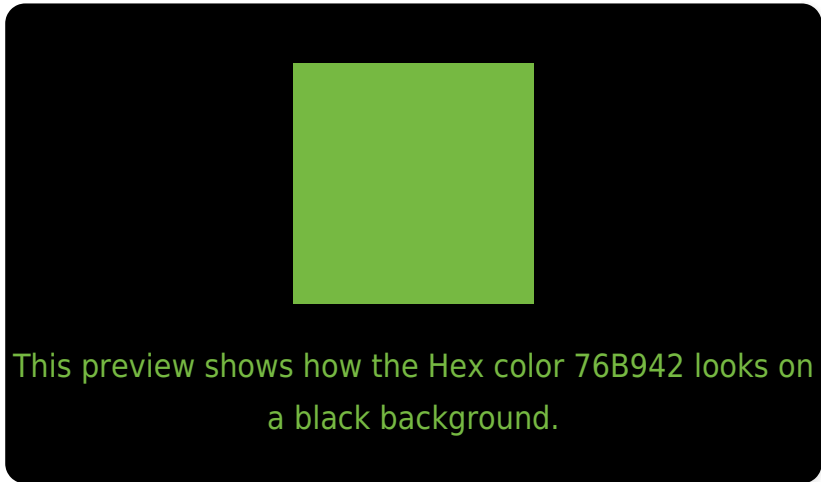
Large Text (above 18pt) WCAG AA × Fail

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 76B942 Background



This preview shows how black text looks on a background with the Hex color 76B942.

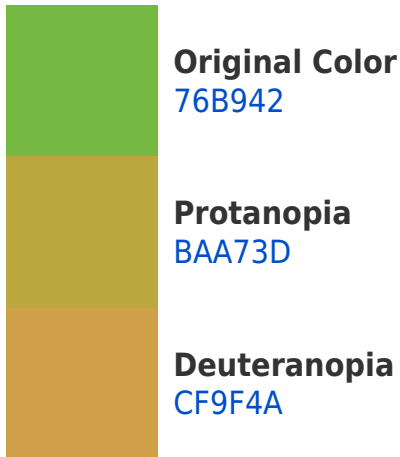


This preview shows how white text looks on a background with the Hex color 76B942.

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
88ADBB

Trichromacy



Original Color
76B942



Protanomaly
A1AE3F



Deuteranomaly
AFA847



Tritanomaly
81B18F

Monochromacy



Original Color
76B942



Achromatopsia
979797



Achromatomaly
8BA378

CSS Examples

Text

The CSS property to change the color of the text to Hex 76B942 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 #76B942 looks like.

```
.text, #text, p{  
    color:#76B942  
}
```

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 #76B942 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B942
}
```

Border

The CSS property to change the border of an element to Hex 76B942 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
#76B942 }
```

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

```
.border{ border-color:#76B942 }
```

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

Here you see how a box with a 4 pixel #76B942 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B942; -webkit-box-shadow:4px 4px  
4px 4px #76B942; box-shadow:4px 4px 4px  
4px #76B942 }
```

Background

The CSS property to change the background color of an element to Hex 76B942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B942 }
```

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

```
.background{ background-color:#76B942 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor