

Converting Colors

Hex(76BA4D)

Have a look what the booklet for
Hex(76BA4D) contains.

Hex(76BA4D)	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(76BA4D)

Conversions

Conversions Part 1

Format	Color
Hex	76BA4D
RGB	118, 186, 77
RGB Percent	46%, 73%, 30%
CMY	0.5373, 0.2706, 0.6980
CMYK	0.37, 0.00, 0.59, 0.27
HSL	97°, 44%, 52%
HSV	97°, 59%, 73%
XYZ	26.3697, 39.5052, 13.2566
YIQ	153.2420, -5.5390, -48.3150

Conversions

Conversions Part 2

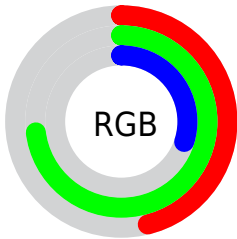
Format	Color
RYB	77, 186, 145
Decimal	7780941
CIELab	69.12, -40.77, 47.63
CIElCh	69, 62.694, 130.567
Yxy	39.5052, 0.3332, 0.4992
Android (android.graphics.Color)	4285971021 (0xFF76BA4D)
YUV	153.2420, -37.5873, -30.9072
Hunter-Lab	62.8532, -35.1044, 31.4921

Details

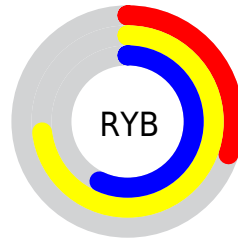
The Hex color **76BA4D** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **914DBA**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **AEF381**, and **3F8417** is the 20% darker color. If you saturate the color by 10%, you get **6ABA3A**, and if you desaturate by 10%, it is **82BA60**.

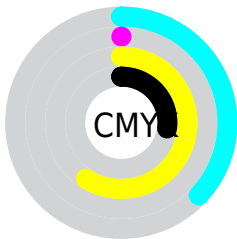
Distribution



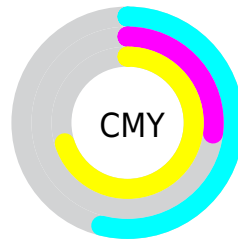
- Red (46%)
- Green (73%)
- Blue (30%)



- Red (30%)
- Yellow (73%)
- Blue (57%)



- Cyan (37%)
- Magenta (0%)
- Yellow (59%)
- Black (27%)



- Cyan (54%)
- Magenta (27%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76BA4D 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 76BA4D by changing the saturation by 10% instead.

 76BA4D

 76BA4D

FFFFFF

 5B9F33

 AEF381

 3F8417

 CAFF9C

 226B00

 E7FFB8

 005200

 FFFFD4

 003A00

 FFFFF1

 002600

 000000

 76BA4D

 76BA4D

 6ABA3A

 82BA60

 5FBA28

 8DBA72

 53BA15

 99BA85

 48BA03

 A4BA97

 46BA00

 B0BAAA

 BCBABD

 C7BACF

 D3BAE2

 DEBAF4

Harmonies

Analogous

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



B4AC2E



76BA4D



00C281

Triad

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



76BA4D



00B9FF



FF7497

Complementary

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



76BA4D



914DBA

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.



FD7BD0



76BA4D



5FA8FF

Square

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



76BA4D



00C2F1



C691FF



FF8261

Rectangle

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



76BA4D



00C4A8



C691FF



FF74AA

Sweetspot

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



76BA4D



D7F2C7



BA904D



6A7A5F



FAFAFA



7A7A7A

Same Dimension

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



76BA4D



88F249



4DBA5A



565C53



3B9C00



0B1C00

Inverse Universe

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



914DBA



B249F2



BA4DAD



58535C



61009C



11001C

Previews

White Background



This preview shows how the Hex color 76BA4D looks on a white background.

Color Contrast Check

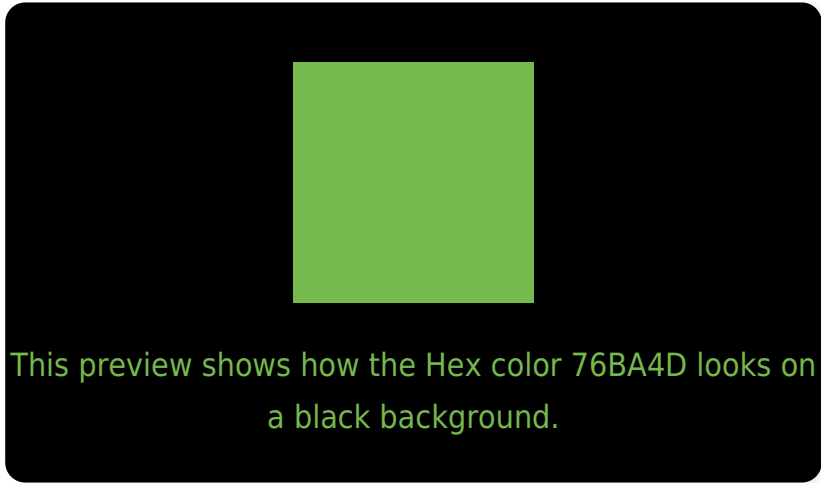
Large Text (above 18pt) WCAG AA × Fail

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 76BA4D Background



This preview shows how black text looks on a background with the Hex color 76BA4D.

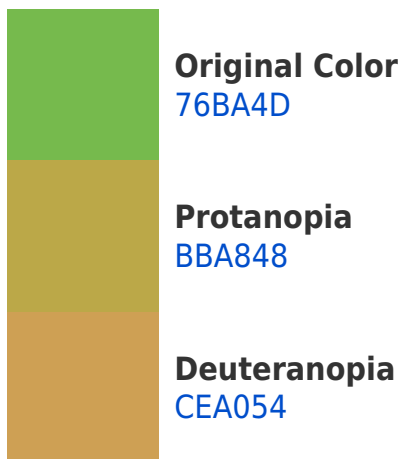


This preview shows how white text looks on a background with the Hex color 76BA4D.

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](#).

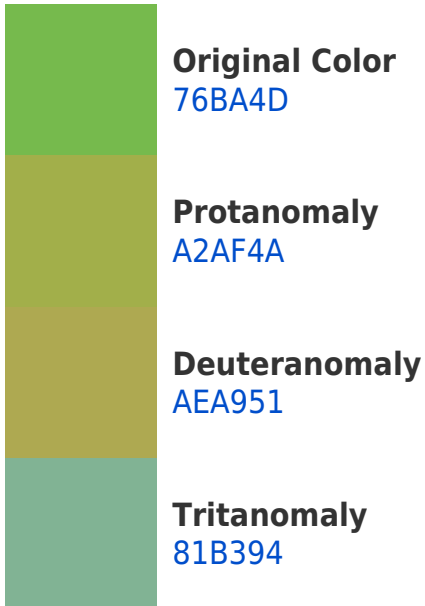
Dichromacy



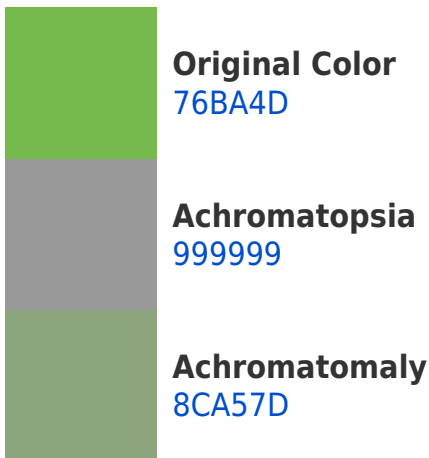


Tritanopia
88AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76BA4D 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 #76BA4D looks like.

```
.text, #text, p{  
    color:#76BA4D  
}
```

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 #76BA4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76BA4D
}
```

Border

The CSS property to change the border of an element to Hex 76BA4D 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
#76BA4D }
```

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

```
.border{ border-color:#76BA4D }
```

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

Here you see how a box with a 4 pixel #76BA4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76BA4D; -webkit-box-shadow:4px 4px  
4px 4px #76BA4D; box-shadow:4px 4px 4px  
4px #76BA4D }
```

Background

The CSS property to change the background color of an element to Hex 76BA4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76BA4D }
```

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

```
.background{ background-color:#76BA4D }
```

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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