

Converting Colors

Hex(76A762)

Have a look what the booklet for
Hex(76A762) contains.

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Color

Hex(76A762)

Conversions

Conversions Part 1

Format	Color
Hex	76A762
RGB	118, 167, 98
RGB Percent	46%, 65%, 38%
CMY	0.5373, 0.3451, 0.6157
CMYK	0.29, 0.00, 0.41, 0.35
HSL	103°, 28%, 52%
HSV	103°, 41%, 65%
XYZ	23.4945, 32.3708, 16.5652
YIQ	144.4830, -7.0550, -31.8470

Conversions

Conversions Part 2

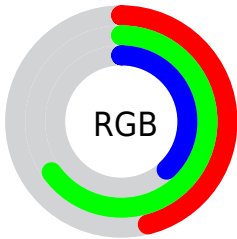
Format	Color
RYB	98, 167, 147
Decimal	7776098
CIELab	63.65, -29.52, 30.56
CIELCh	64, 42.484, 134.008
Yxy	32.3708, 0.3244, 0.4469
Android (android.graphics.Color)	4285966178 (0xFF76A762)
YUV	144.4830, -22.9161, -23.2256
Hunter-Lab	56.8954, -25.8566, 22.5644

Details

The Hex color **76A762** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9362A7**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **ACDE96**, and **437332** is the 20% darker color. If you saturate the color by 10%, you get **6AA751**, and if you desaturate by 10%, it is **82A773**.

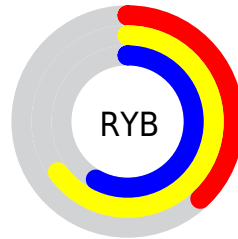
Distribution



Red (46%)

Green (65%)

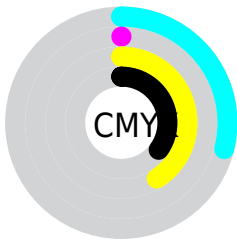
Blue (38%)



Red (38%)

Yellow (65%)

Blue (58%)

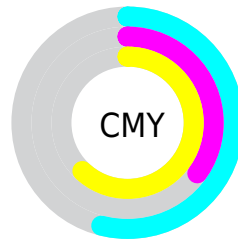


Cyan (29%)

Magenta (0%)

Yellow (41%)

Black (35%)



Cyan (54%)

Magenta (35%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76A762 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 76A762 by changing the saturation by 10% instead.

 76A762

 76A762

FFFFFF

 5C8C49

 ACDE96

 437332

 C8FBB1

 2A5A1B

 E4FFCC

 0F4202

 FFFFE9

 002B00

 001500

 000000

 76A762

 76A762

 6AA751

 82A773

 5EA741

 8EA783

 52A730

 9AA794

 47A71F

 A5A7A5

 3BA70E

 B1A7B5

 30A700

 BDA7C6

 C9A7D7

 D5A7E8

 E1A7F8

Harmonies

Analogous

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



A09E4F



76A762



3FAC84

Triad

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



76A762



23A4E2



E27C8A

Complementary

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



76A762



9362A7

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.



D67EB0



76A762



7D98E3

Square

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



76A762



00ABCE



B489D1



DB8467

Rectangle

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



76A762



00AE9E



B489D1



E17B96

Sweetspot

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



76A762



C6D9BF



A79262



636E5E



EDEDED



6E6E6E

Same Dimension

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



76A762



8CD96C



62A770



4E544C



2B9400



061400

Inverse Universe

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



9362A7



B96CD9



A76299



524C54



690094



0E0014

Previews

White Background



This preview shows how the Hex color 76A762 looks on a white background.

Color Contrast Check

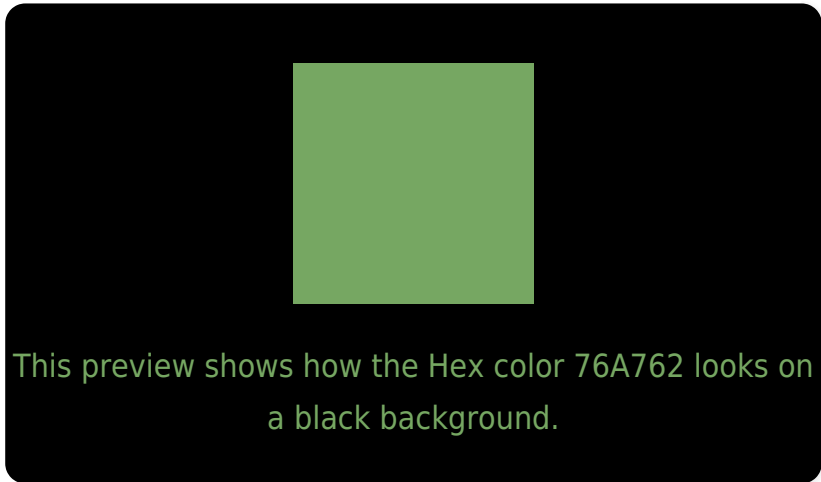
Large Text (above 18pt) WCAG AA × Fail

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

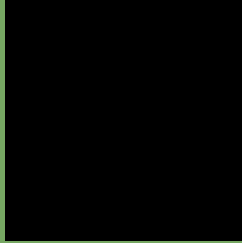
Any Text WCAG AA ✓ Pass

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 76A762 Background



This preview shows how black text looks on a background with the Hex color 76A762.

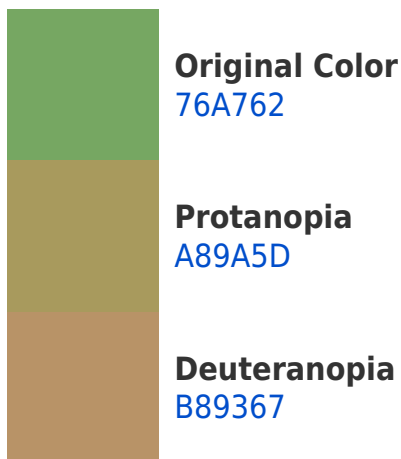


This preview shows how white text looks on a background with the Hex color 76A762.

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](#).

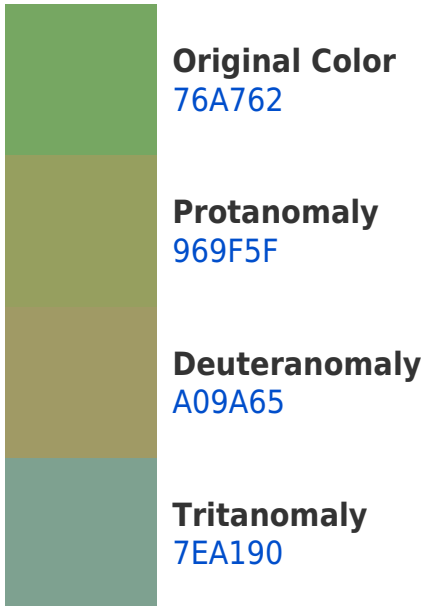
Dichromacy



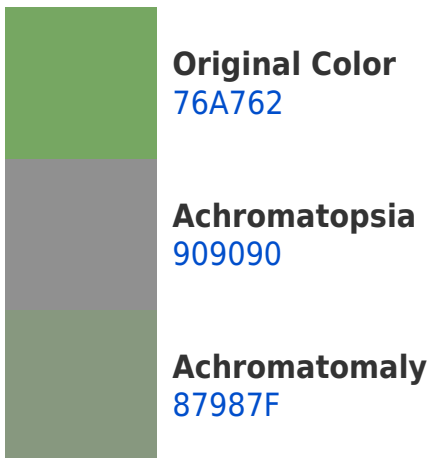


Tritanopia
829EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76A762 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 #76A762 looks like.

```
.text, #text, p{  
    color:#76A762  
}
```

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 #76A762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A762
}
```

Border

The CSS property to change the border of an element to Hex 76A762 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
#76A762 }
```

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

```
.border{ border-color:#76A762 }
```

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

Here you see how a box with a 4 pixel #76A762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A762; -webkit-box-shadow:4px 4px  
4px 4px #76A762; box-shadow:4px 4px 4px  
4px #76A762 }
```

Background

The CSS property to change the background color of an element to Hex 76A762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A762 }
```

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

```
.background{ background-color:#76A762 }
```

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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