

# Converting Colors

Hex(7BA762)

Have a look what the booklet for  
Hex(7BA762) contains.

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# **Color**

**Hex(7BA762)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7BA762
RGB	123, 167, 98
RGB Percent	48%, 65%, 38%
CMY	0.5176, 0.3451, 0.6157
CMYK	0.26, 0.00, 0.41, 0.35
HSL	98°, 28%, 52%
HSV	98°, 41%, 65%
XYZ	24.1917, 32.7302, 16.5978
YIQ	145.9780, -4.0750, -30.7870

# Conversions

## Conversions Part 2

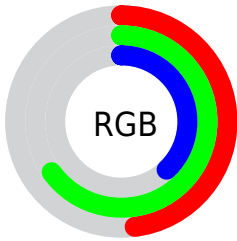
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 167, 142
Decimal	8103778
CIELab	63.94, -27.71, 30.99
CIELCh	64, 41.573, 131.798
Yxy	32.7302, 0.3291, 0.4452
Android (android.graphics.Color)	4286293858 (0xFF7BA762)
YUV	145.9780, -23.6532, -20.1517
Hunter-Lab	57.2103, -24.6384, 22.8461

# Details

The Hex color **7BA762** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E62A7**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B1DE96**, and **487332** is the 20% darker color. If you saturate the color by 10%, you get **70A751**, and if you desaturate by 10%, it is **86A773**.

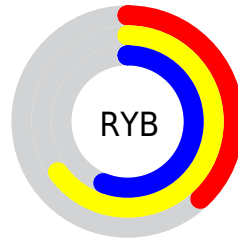
# Distribution



Red (48%)

Green (65%)

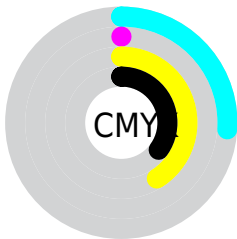
Blue (38%)



Red (38%)

Yellow (65%)

Blue (56%)

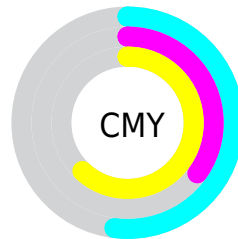


Cyan (26%)

Magenta (0%)

Yellow (41%)

Black (35%)



Cyan (52%)

Magenta (35%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BA762 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 7BA762 by changing the saturation by 10% instead.





7BA762



7BA762

FFFFFF



618C49



B1DE96



487332



CDFBB1



2F5A1A



E9FFCC



164202



FFFFE9



002B00



001600



000000



7BA762



7BA762



70A751



86A773

 66A741

 90A783

 5BA730

 9BA794

 50A71F

 A6A7A5

 46A70E

 B0A7B5

 3DA700

 BBA7C6

 C6A7D7

 D0A7E8

 DBA7F8

# Harmonies

## Analogous

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



A49D50



7BA762



48AD83

# Triad

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



7BA762



23A5E1



E27D8E

# Complementary

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



7BA762



8E62A7

# 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.



D480B3



7BA762



7A9AE3

# Square

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



7BA762



00ACCB



B18CD2



DB846B

# Rectangle

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



7BA762



00AE9C



B18CD2



E07D9A



# Sweetspot

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



7BA762



C8D9BF



A78E62



646E5E



EDEDED



6E6E6E



# Same Dimension

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



7BA762



94D96C



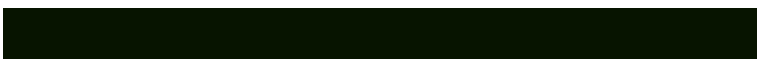
62A76B



4F544C



369400



071400



# Inverse Universe

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



8E62A7



B16CD9



A7629E



514C54



5E0094



0D0014



# Previews

## White Background



This preview shows how the Hex color 7BA762 looks on a white background.

## Color Contrast Check

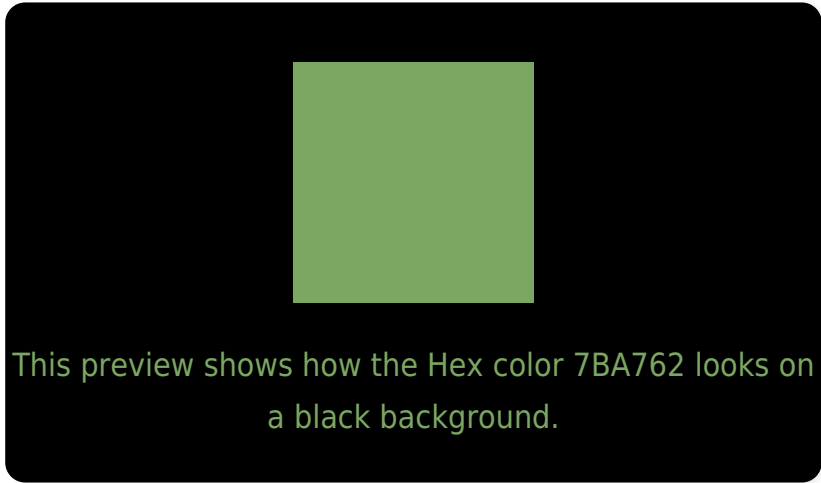
Large Text (above 18pt) WCAG AA × Fail

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

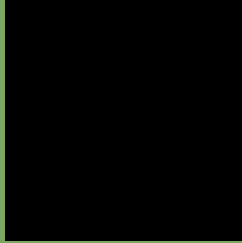
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7BA762 Background



This preview shows how black text looks on a background with the Hex color 7BA762.

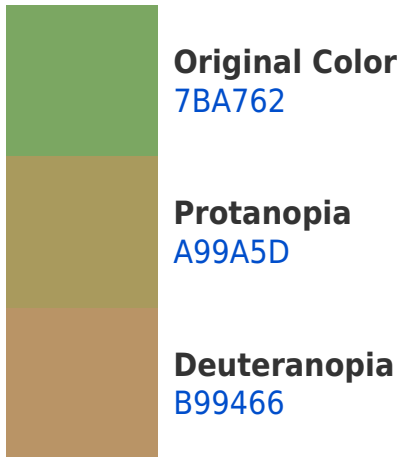


This preview shows how white text looks on a background with the Hex color 7BA762.

# 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](#).

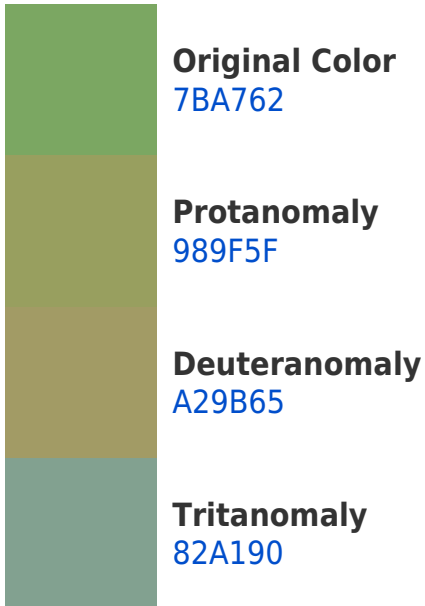
## Dichromacy



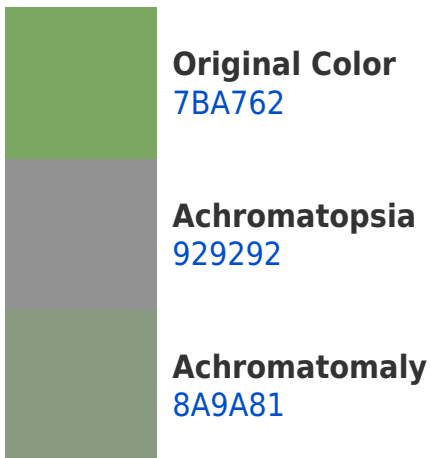


**Tritanopia**  
869EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BA762 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 #7BA762 looks like.

```
.text, #text, p{  
    color:#7BA762  
}
```

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 #7BA762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BA762
}
```

## Border

The CSS property to change the border of an element to Hex 7BA762 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
#7BA762 }
```

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

```
.border{ border-color:#7BA762 }
```

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

Here you see how a box with a 4 pixel #7BA762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BA762; -webkit-box-shadow:4px 4px  
4px 4px #7BA762; box-shadow:4px 4px 4px  
4px #7BA762 }
```

# Background

The CSS property to change the background color of an element to Hex 7BA762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BA762 }
```

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

```
.background{ background-color:#7BA762 }
```

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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