

# Converting Colors

Hex(7BA469)

Have a look what the booklet for  
Hex(7BA469) contains.

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**Color**

**Hex(7BA469)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7BA469
RGB	123, 164, 105
RGB Percent	48%, 64%, 41%
CMY	0.5176, 0.3569, 0.5882
CMYK	0.25, 0.00, 0.36, 0.36
HSL	102°, 24%, 53%
HSV	102°, 36%, 64%
XYZ	23.9936, 31.7818, 18.2345
YIQ	145.0150, -5.4970, -27.0410

# Conversions

## Conversions Part 2

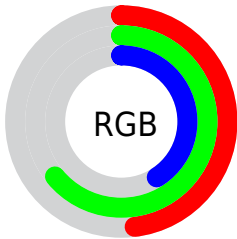
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">105, 164, 146</a>
Decimal	<a href="#">8103017</a>
CIELab	<a href="#">63.16, -25.21, 26.25</a>
CIELCh	<a href="#">63, 36.395, 133.852</a>
Yxy	<a href="#">31.7818, 0.3242, 0.4294</a>
Android (android.graphics.Color)	<a href="#">4286293097 (0xFF7BA469)</a>
YUV	<a href="#">145.0150, -19.7274, -19.3072</a>
Hunter-Lab	<a href="#">56.3753, -22.6863, 20.2855</a>

# Details

The Hex color **7BA469** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9269A4**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **B1DB9D**, and **487039** is the 20% darker color. If you saturate the color by 10%, you get **70A459**, and if you desaturate by 10%, it is **86A479**.

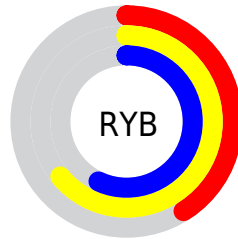
# Distribution



Red (48%)

Green (64%)

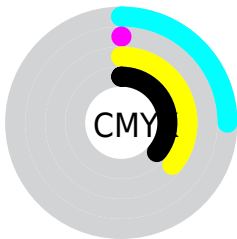
Blue (41%)



Red (41%)

Yellow (64%)

Blue (57%)

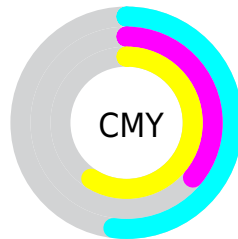


Cyan (25%)

Magenta (0%)

Yellow (36%)

Black (36%)



Cyan (52%)

Magenta (36%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BA469 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 7BA469 by changing the saturation by 10% instead.



 7BA469

 7BA469

FFFFFF

 618A50

 B1DB9D

 487039

 CCF8B8

 305722

 E9FFD4

 18400C

 FFFFF0

 022900

 001300

 000000

 7BA469

 7BA469

 70A459

 86A479

 64A448

 92A48A

 59A438

 9DA49A

 4DA427

 A9A4AB

 42A417

 B4A4BB

 37A407

 BFA4CB

 32A400

 CBA4DC

 D6A4EC

 E2A4FD

# Harmonies

## Analogous

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



9F9C59



7BA469



51A986

# Triad

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



7BA469



47A1D6



D8808B

# Complementary

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



7BA469



9269A4

# 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.



CD82AC



7BA469



8297D7

# Square

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



7BA469



00A8C5



AF8BC8



D1866D

# Rectangle

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



7BA469



2FAA9C



AF8BC8



D67F96



# Sweetspot

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



7BA469



C6D6BF



A49169



616B5D



EBEBEB



6B6B6B



# Same Dimension

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



7BA469



96D67A



69A474



4C5249



2C9100



051200



# Inverse Universe

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



9269A4



BA7AD6



A46999



4F4952



650091



0C0012



# Previews

## White Background



This preview shows how the Hex color 7BA469 looks on a white background.

## Color Contrast Check

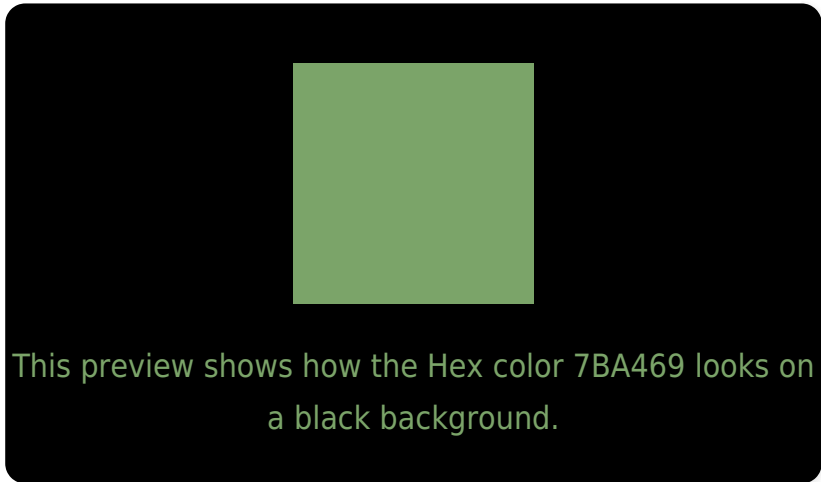
Large Text (above 18pt) WCAG AA × Fail

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 7BA469 Background



This preview shows how black text looks on a background with the Hex color 7BA469.

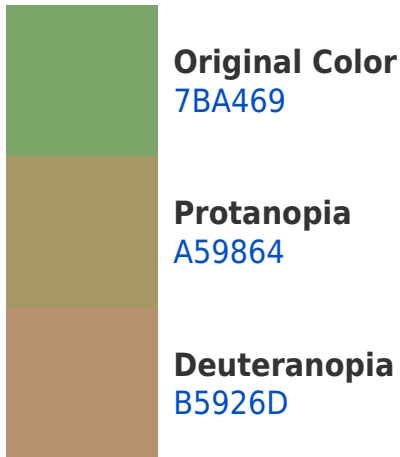


This preview shows how white text looks on a background with the Hex color 7BA469.

# 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



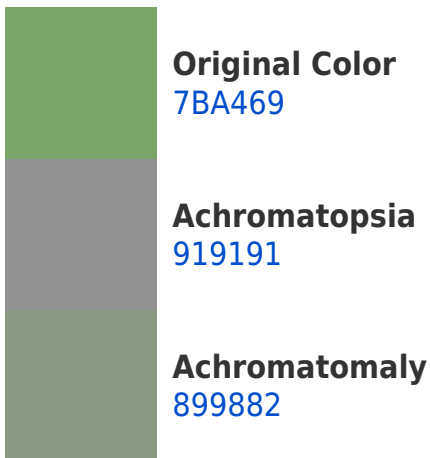


**Tritanopia**  
859CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BA469 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 #7BA469 looks like.

```
.text, #text, p{  
    color:#7BA469  
}
```

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 #7BA469 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BA469
}
```

## Border

The CSS property to change the border of an element to Hex 7BA469 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
#7BA469 }
```

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

```
.border{ border-color:#7BA469 }
```

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

Here you see how a box with a 4 pixel #7BA469 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BA469; -webkit-box-shadow:4px 4px  
4px 4px #7BA469; box-shadow:4px 4px 4px  
4px #7BA469 }
```

# Background

The CSS property to change the background color of an element to Hex 7BA469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BA469 }
```

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

```
.background{ background-color:#7BA469 }
```

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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