

Converting Colors

Hex(77AB69)

Have a look what the booklet for
Hex(77AB69) contains.

Hex(77AB69)	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(77AB69)

Conversions

Conversions Part 1

Format	Color
Hex	77AB69
RGB	119, 171, 105
RGB Percent	47%, 67%, 41%
CMY	0.5333, 0.3294, 0.5882
CMYK	0.30, 0.00, 0.39, 0.33
HSL	107°, 28%, 54%
HSV	107°, 39%, 67%
XYZ	24.7205, 34.0677, 18.6374
YIQ	147.9280, -9.8060, -31.5500

Conversions

Conversions Part 2

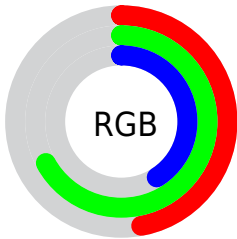
Format	Color
RYB	105, 171, 157
Decimal	7842665
CIELab	65.02, -30.05, 28.64
CIELCh	65, 41.508, 136.377
Yxy	34.0677, 0.3193, 0.4400
Android (android.graphics.Color)	4286032745 (0xFF77AB69)
YUV	147.9280, -21.1635, -25.3699
Hunter-Lab	58.3675, -26.5429, 21.9253

Details

The Hex color **77AB69** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9D69AB**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ADE39D**, and **447639** is the 20% darker color. If you saturate the color by 10%, you get **6AAB58**, and if you desaturate by 10%, it is **84AB7A**.

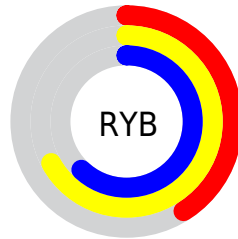
Distribution



Red (47%)

Green (67%)

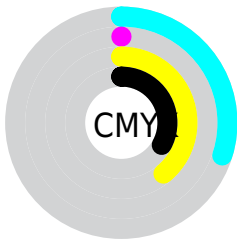
Blue (41%)



Red (41%)

Yellow (67%)

Blue (62%)

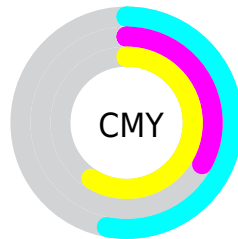


Cyan (30%)

Magenta (0%)

Yellow (39%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77AB69 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 77AB69 by changing the saturation by 10% instead.



77AB69



77AB69

FFFFFF



5D9050



ADE39D



447639



C9FFB8



2B5D21



E5FFD4



0F450A



FFFFF0



002E00



001A00



000000



77AB69



77AB69



6AAB58




84AB7A

 5CAB47

 92AB8B

 4FAB36

 9FAB9C

 41AB25

 ADABAD

 34AB14

 BAABBE

 26AB02

 C8ABD0

 24AB00

 D5ABE1

 E3ABF2

 F0ABFF

Harmonies

Analogous

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



A1A255



77AB69



41B08B

Triad

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



77AB69



3BA7E5



E5808B

Complementary

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



77AB69



9D69AB

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.



DB82B0



77AB69



879AE5

Square

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



77AB69



00AED2



BB8CD1



DC896A

Rectangle

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



77AB69



00B1A5



BB8CD1



E48097

Sweetspot

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



77AB69



C9DEC3



AB9D69



647060



F0F0F0



707070

Same Dimension

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



77AB69



8DDE78



69AB7C



50574E



209600



051700

Inverse Universe

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



9D69AB



C878DE



AB6998



554E57



770096



120017

Previews

White Background



This preview shows how the Hex color 77AB69 looks on a white background.

Color Contrast Check

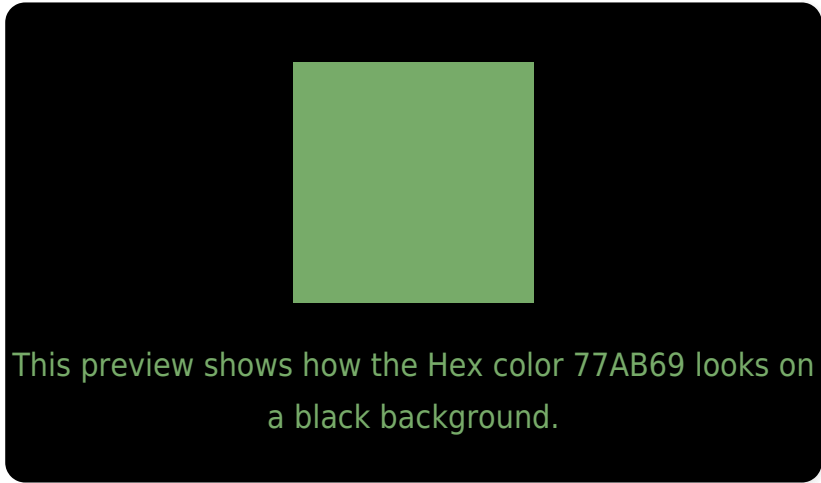
Large Text (above 18pt) WCAG AA × Fail

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

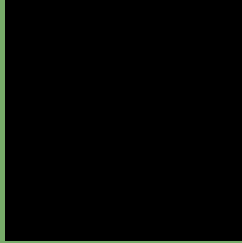
Any Text WCAG AA ✓ Pass

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 77AB69 Background



This preview shows how black text looks on a background with the Hex color 77AB69.



This preview shows how white text looks on a background with the Hex color 77AB69.

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](#).

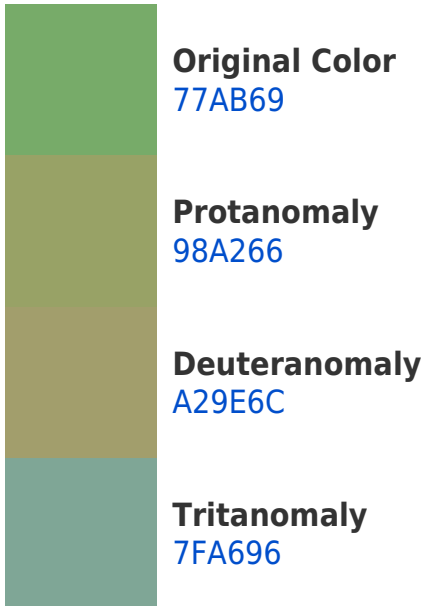
Dichromacy



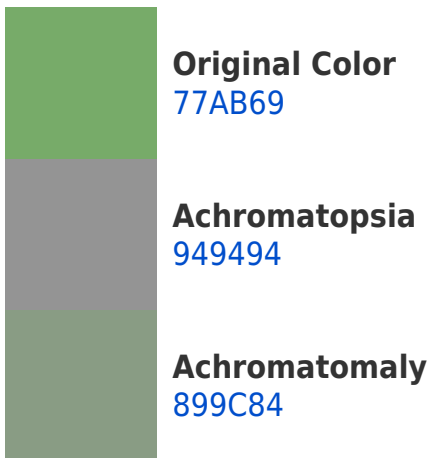


Tritanopia
83A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77AB69 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 #77AB69 looks like.

```
.text, #text, p{  
    color:#77AB69  
}
```

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 #77AB69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77AB69
}
```

Border

The CSS property to change the border of an element to Hex 77AB69 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
#77AB69 }
```

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

```
.border{ border-color:#77AB69 }
```

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

Here you see how a box with a 4 pixel #77AB69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77AB69; -webkit-box-shadow:4px 4px  
4px 4px #77AB69; box-shadow:4px 4px 4px  
4px #77AB69 }
```

Background

The CSS property to change the background color of an element to Hex 77AB69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77AB69 }
```

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

```
.background{ background-color:#77AB69 }
```

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