

Converting Colors

Hex(7AB477)

Have a look what the booklet for
Hex(7AB477) contains.

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Color

Hex(7AB477)

Conversions

Conversions Part 1

Format	Color
Hex	7AB477
RGB	122, 180, 119
RGB Percent	48%, 71%, 47%
CMY	0.5216, 0.2941, 0.5333
CMYK	0.32, 0.00, 0.34, 0.29
HSL	117°, 29%, 59%
HSV	117°, 34%, 71%
XYZ	27.6771, 38.1120, 23.3504
YIQ	155.7040, -14.9870, -31.2670

Conversions

Conversions Part 2

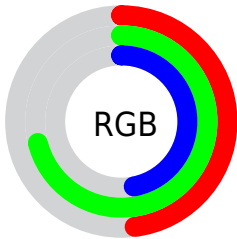
Format	Color
RYB	119, 180, 177
Decimal	8041591
CIELab	68.10, -31.10, 25.29
CIELCh	68, 40.090, 140.884
Yxy	38.1120, 0.3105, 0.4276
Android (android.graphics.Color)	4286231671 (0xFF7AB477)
YUV	155.7040, -18.0951, -29.5584
Hunter-Lab	61.7349, -28.0108, 20.7888

Details

The Hex color **7AB477** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B177B4**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B0ECAC**, and **467F46** is the 20% darker color. If you saturate the color by 10%, you get **69B465**, and if you desaturate by 10%, it is **8BB489**.

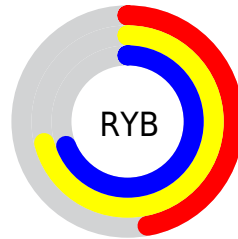
Distribution



Red (48%)

Green (71%)

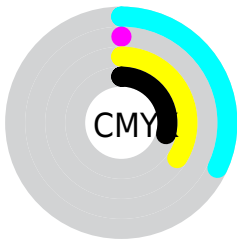
Blue (47%)



Red (47%)

Yellow (71%)

Blue (69%)

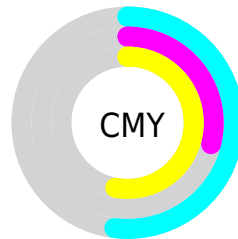


Cyan (32%)

Magenta (0%)

Yellow (34%)

Black (29%)



Cyan (52%)

Magenta (29%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AB477 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 7AB477 by changing the saturation by 10% instead.



7AB477



7AB477

FFFFFF



60995E



B0ECAC



467F46



CCFFC7



2D652F



E9FFE3



114D18



003600



002200



000000



7AB477



7AB477



69B465



8BB489

■ 58B453

■ 9CB49B

■ 47B441

■ ADB4AD

■ 36B42F

■ BEB4BF

■ 24B41D

■ D0B4D1

■ 13B40B

■ E1B4E3

■ 09B400

■ F2B4F5

■ FFB4FF

Harmonies

Analogous

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



A4AC61



7AB477



47B899

Triad

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



7AB477



59ADED



EC8A8E

Complementary

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



7AB477



B177B4

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.



E58AB3



7AB477



99A1E9

Square

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



7AB477



00B5DD



C993D4



E1936F

Rectangle

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



7AB477



0EB9B2



C993D4



EC899A

Sweetspot

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



7AB477



D4EBD3



B4B177



687567



F5F5F5



757575

Same Dimension

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



7AB477



8FEB8A



77B492



515950



089900



011A00

Inverse Universe

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



B177B4



E68AEB



B47799



595059



910099



18001A

Previews

White Background



This preview shows how the Hex color 7AB477 looks on a white background.

Color Contrast Check

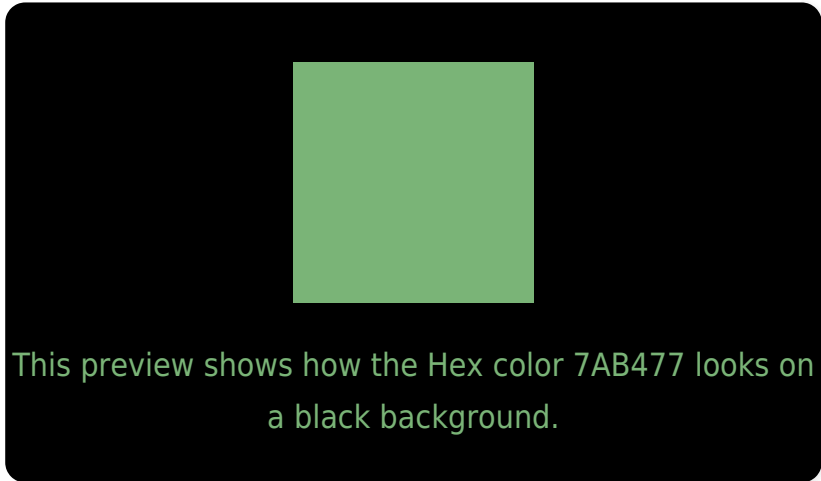
Large Text (above 18pt) WCAG AA × Fail

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

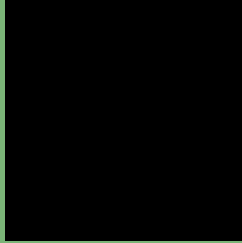
Any Text WCAG AA ✓ Pass

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 7AB477 Background



This preview shows how black text looks on a background with the Hex color 7AB477.

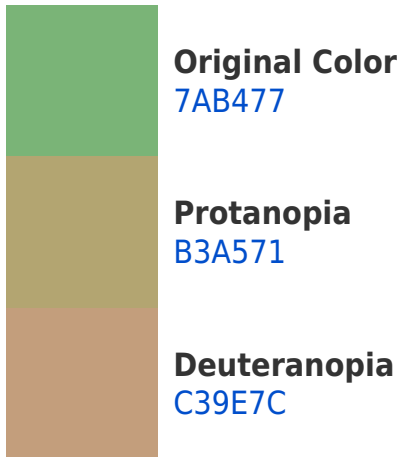


This preview shows how white text looks on a background with the Hex color 7AB477.

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](#).

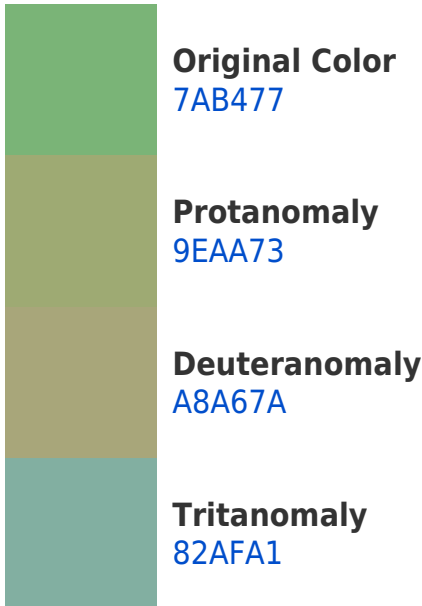
Dichromacy



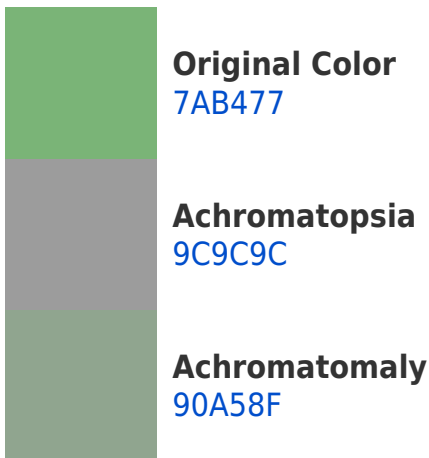


Tritanopia
86ACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AB477 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 #7AB477 looks like.

```
.text, #text, p{  
    color:#7AB477  
}
```

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 #7AB477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AB477
}
```

Border

The CSS property to change the border of an element to Hex 7AB477 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
#7AB477 }
```

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

```
.border{ border-color:#7AB477 }
```

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

Here you see how a box with a 4 pixel #7AB477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AB477; -webkit-box-shadow:4px 4px  
4px 4px #7AB477; box-shadow:4px 4px 4px  
4px #7AB477 }
```

Background

The CSS property to change the background color of an element to Hex 7AB477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AB477 }
```

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

```
.background{ background-color:#7AB477 }
```

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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