

Converting Colors

Hex(77B872)

Have a look what the booklet for
Hex(77B872) contains.

Hex(77B872)	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(77B872)

Conversions

Conversions Part 1

Format	Color
Hex	77B872
RGB	119, 184, 114
RGB Percent	47%, 72%, 45%
CMY	0.5333, 0.2784, 0.5529
CMYK	0.35, 0.00, 0.38, 0.28
HSL	116°, 33%, 58%
HSV	116°, 38%, 72%
XYZ	27.7855, 39.4178, 22.0635
YIQ	156.5850, -16.2700, -35.5500

Conversions

Conversions Part 2

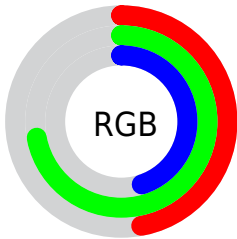
Format	Color
RYB	114, 184, 179
Decimal	7846002
CIELab	69.05, -34.77, 29.17
CIELCh	69, 45.383, 140.002
Yxy	39.4178, 0.3113, 0.4416
Android (android.graphics.Color)	4286036082 (0xFF77B872)
YUV	156.5850, -20.9944, -32.9620
Hunter-Lab	62.7836, -30.8744, 23.1127

Details

The Hex color **77B872** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B372B8**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **ADF0A7**, and **428241** is the 20% darker color. If you saturate the color by 10%, you get **66B860**, and if you desaturate by 10%, it is **88B884**.

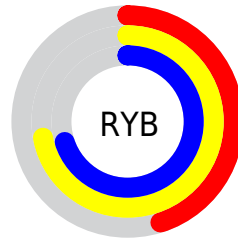
Distribution



Red (47%)

Green (72%)

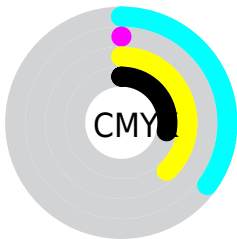
Blue (45%)



Red (45%)

Yellow (72%)

Blue (70%)

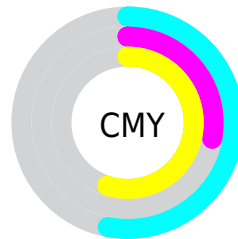


Cyan (35%)

Magenta (0%)

Yellow (38%)

Black (28%)



Cyan (53%)

Magenta (28%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77B872 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 77B872 by changing the saturation by 10% instead.



77B872



77B872

FFFFFF



5D9D59



ADF0A7



428241



CAFFC2



286929



E6FFDE



075012



FFFFFFB



003900



002400



000000



77B872



77B872



66B860



88B884

 55B84D

 99B897

 44B83B

 AAB8A9

 33B828

 BBB8BC

 22B816

 CCB8CE

 10B804

 DEB8E0

 0DB800

 EFB8F3

 FFB8FF

Harmonies

Analogous

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



A7AF59



77B872



34BD99

Triad

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



77B872



43B1F9



F7888F

Complementary

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



77B872



B372B8

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.



EE88B8



77B872



97A3F6

Square

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



77B872



00BAE6



CE93DE



EA936B

Rectangle

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



77B872



00BEB5



CE93DE



F7879C

Sweetspot

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



77B872



D7F0D5



B8B272



697868



F7F7F7



787878

Same Dimension

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



77B872



89F081



72B88F



535C53



0B9C00



021C00

Inverse Universe

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



B372B8



E881F0



B8729B



5B535C



90009C



1A001C

Previews

White Background



This preview shows how the Hex color 77B872 looks on a white background.

Color Contrast Check

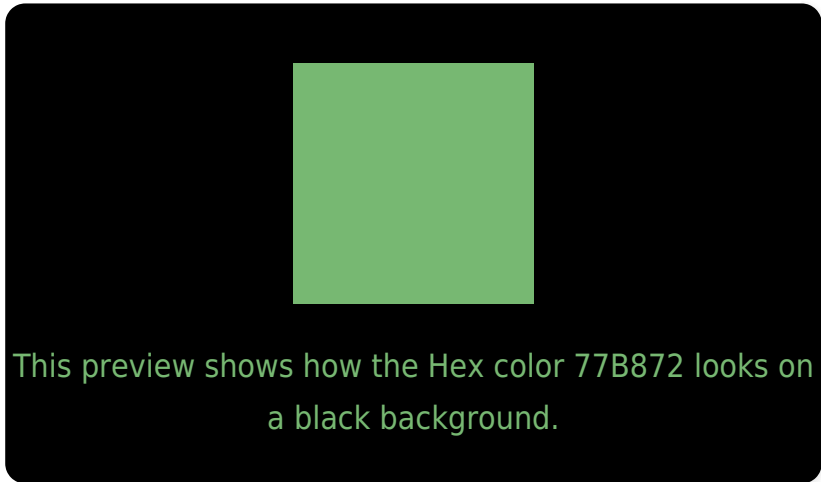
Large Text (above 18pt) WCAG AA × Fail

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

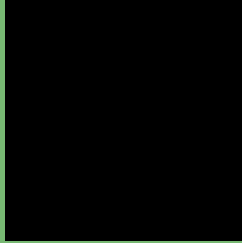
Any Text WCAG AA ✓ Pass

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 77B872 Background



This preview shows how black text looks on a background with the Hex color 77B872.



This preview shows how white text looks on a background with the Hex color 77B872.

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](#).

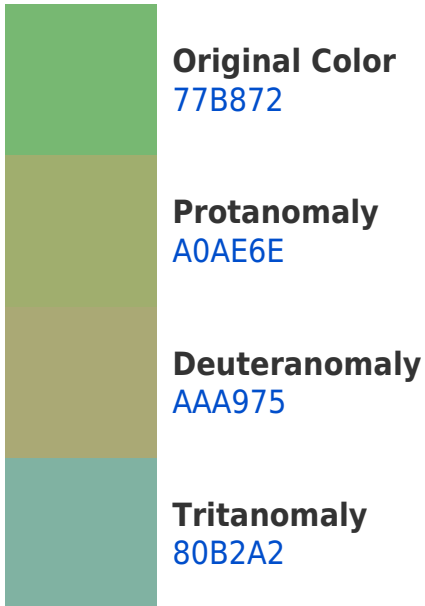
Dichromacy



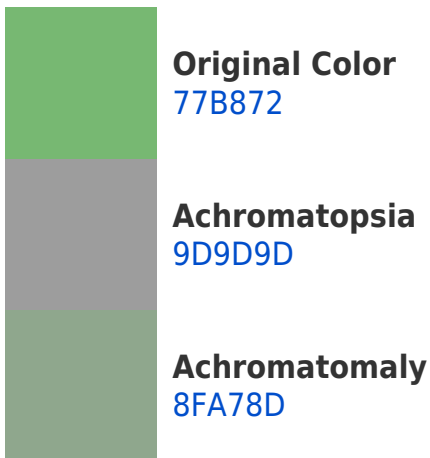


Tritanopia
85AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77B872 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 #77B872 looks like.

```
.text, #text, p{  
    color:#77B872  
}
```

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 #77B872 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77B872
}
```

Border

The CSS property to change the border of an element to Hex 77B872 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
#77B872 }
```

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

```
.border{ border-color:#77B872 }
```

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

Here you see how a box with a 4 pixel #77B872 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77B872; -webkit-box-shadow:4px 4px  
4px 4px #77B872; box-shadow:4px 4px 4px  
4px #77B872 }
```

Background

The CSS property to change the background color of an element to Hex 77B872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77B872 }
```

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

```
.background{ background-color:#77B872 }
```

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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