

# Converting Colors

Hex(73B27A)

Have a look what the booklet for  
Hex(73B27A) contains.

<b>Hex(73B27A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(73B27A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73B27A
RGB	115, 178, 122
RGB Percent	45%, 70%, 48%
CMY	0.5490, 0.3020, 0.5216
CMYK	0.35, 0.00, 0.31, 0.30
HSL	127°, 29%, 57%
HSV	127°, 35%, 70%
XYZ	26.5035, 36.8908, 24.1361
YIQ	152.7790, -19.5720, -30.7720

# Conversions

## Conversions Part 2

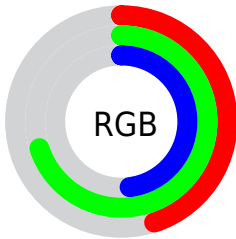
Format	Color
<a href="#">RYB</a>	<a href="#">115, 172, 178</a>
Decimal	<a href="#">7582330</a>
CIELab	<a href="#">67.19, -31.94, 22.40</a>
CIELCh	<a href="#">67, 39.013, 144.961</a>
Yxy	<a href="#">36.8908, 0.3028, 0.4215</a>
Android (android.graphics.Color)	<a href="#">4285772410 (0xFF73B27A)</a>
YUV	<a href="#">152.7790, -15.1740, -33.1322</a>
Hunter-Lab	<a href="#">60.7378, -28.4010, 18.9557</a>

# Details

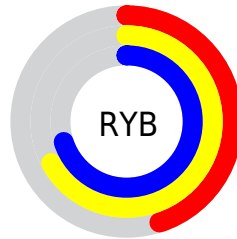
The Hex color **73B27A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B273AB**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A9EAAF**, and **3F7D49** is the 20% darker color. If you saturate the color by 10%, you get **61B26A**, and if you desaturate by 10%, it is **85B28A**.

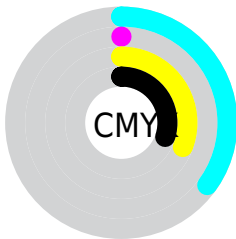
# Distribution



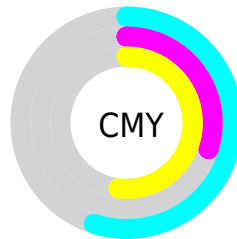
- Red (45%)
- Green (70%)
- Blue (48%)



- Red (45%)
- Yellow (67%)
- Blue (70%)



- Cyan (35%)
- Magenta (0%)
- Yellow (31%)
- Black (30%)



- Cyan (55%)
- Magenta (30%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73B27A 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 73B27A by changing the saturation by 10% instead.



 73B27A

 73B27A

FFFFFF

 599761

 A9EAAF

 3F7D49

 C5FFCA

 256432

 E1FFE6

 054B1C

 003404

 002100

 000000

 73B27A

 73B27A

 61B26A

 85B28A

 4FB25A

 97B29A

 3EB24B

 A8B2A9

 2CB23B

 BAB2B9

 1AB22B

 CCB2C9

 08B21B

 DEB2D9

 00B214

 F0B2E9

 FFB2F9

 FFB2FF

# Harmonies

## Analogous

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



9CAA62



73B27A



41B69C

# Triad

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



73B27A



63A9E9



E78A88

# Complementary

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



73B27A



B273AB

# 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.



E388AB



73B27A



9F9DE3

# Square

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



73B27A



0BB2DC



CA90CC



DA936B

# Rectangle

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



73B27A



06B6B4



CA90CC



E88893



# Sweetspot

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



73B27A



CFE8D1



ACB273



667568



F5F5F5



757575



# Same Dimension

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



73B27A



87E891



73B299



505951



009911



001A03



# Inverse Universe

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



B273AB



E887DD



B2738C



595058



990088



1A0017



# Previews

## White Background



This preview shows how the Hex color 73B27A looks on a white background.

## Color Contrast Check

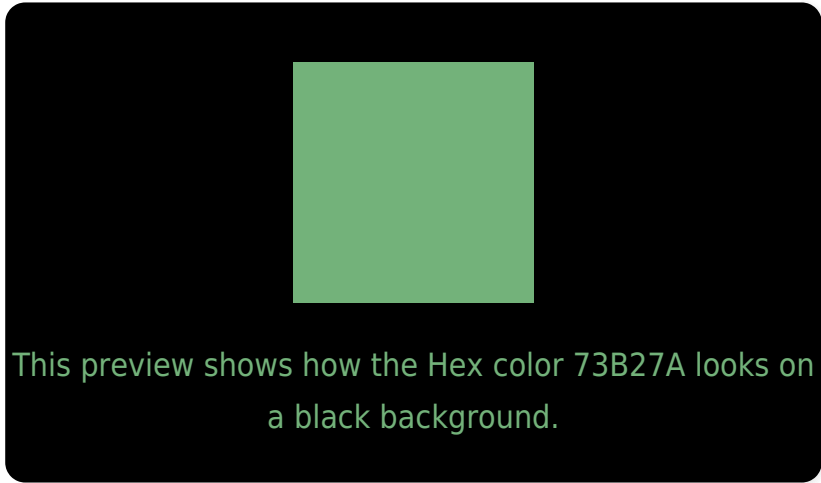
Large Text (above 18pt) WCAG AA × Fail

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

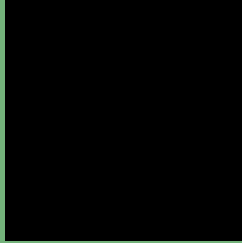
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73B27A Background



This preview shows how black text looks on a background with the Hex color 73B27A.

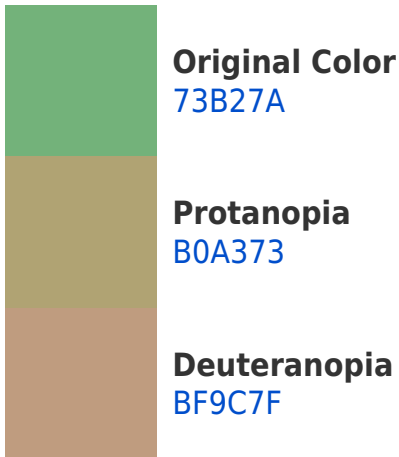


This preview shows how white text looks on a background with the Hex color 73B27A.

# 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](#).

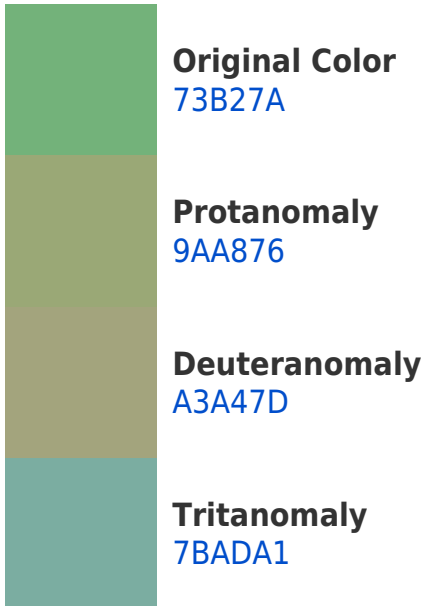
## Dichromacy



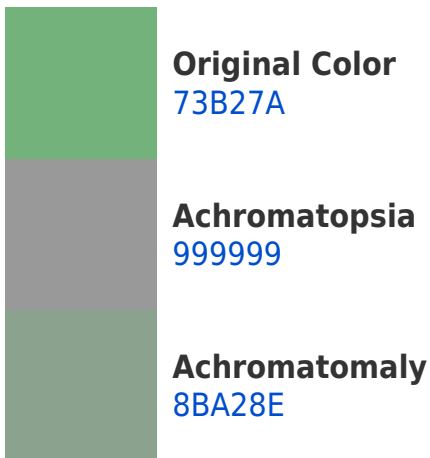


**Tritanopia**  
7FAAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73B27A 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 #73B27A looks like.

```
.text, #text, p{  
    color:#73B27A  
}
```

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 #73B27A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73B27A
}
```

## Border

The CSS property to change the border of an element to Hex 73B27A 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
#73B27A }
```

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

```
.border{ border-color:#73B27A }
```

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

Here you see how a box with a 4 pixel #73B27A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73B27A; -webkit-box-shadow:4px 4px  
4px 4px #73B27A; box-shadow:4px 4px 4px  
4px #73B27A }
```

# Background

The CSS property to change the background color of an element to Hex 73B27A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73B27A }
```

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

```
.background{ background-color:#73B27A }
```

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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