

# Converting Colors

Hex(72B27B)

Have a look what the booklet for  
Hex(72B27B) contains.

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**Color**

**Hex(72B27B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72B27B
RGB	114, 178, 123
RGB Percent	45%, 70%, 48%
CMY	0.5529, 0.3020, 0.5176
CMYK	0.36, 0.00, 0.31, 0.30
HSL	128°, 29%, 57%
HSV	128°, 36%, 70%
XYZ	26.4350, 36.8483, 24.4580
YIQ	152.5940, -20.4890, -30.6730

# Conversions

## Conversions Part 2

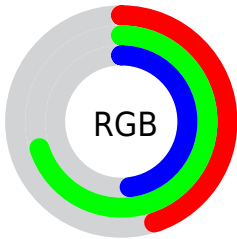
Format	Color
<a href="#">RYB</a>	<a href="#">114, 170, 178</a>
Decimal	<a href="#">7516795</a>
CIELab	<a href="#">67.16, -32.09, 21.81</a>
CIElCh	<a href="#">67, 38.796, 145.798</a>
Yxy	<a href="#">36.8483, 0.3013, 0.4200</a>
Android (android.graphics.Color)	<a href="#">4285706875 (0xFF72B27B)</a>
YUV	<a href="#">152.5940, -14.5898, -33.8469</a>
Hunter-Lab	<a href="#">60.7028, -28.4963, 18.6031</a>

# Details

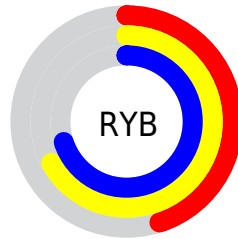
The Hex color **72B27B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B272A9**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A8EAB0**, and **3E7D4A** is the 20% darker color. If you saturate the color by 10%, you get **60B26C**, and if you desaturate by 10%, it is **84B28A**.

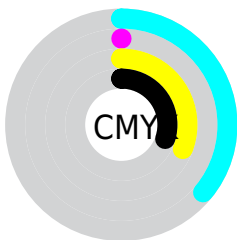
# Distribution



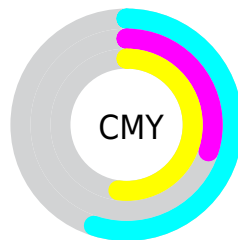
- Red (45%)
- Green (70%)
- Blue (48%)



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



- Cyan (36%)
- Magenta (0%)
- Yellow (31%)
- Black (30%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 72B27B 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 72B27B by changing the saturation by 10% instead.



 72B27B

 72B27B

FFFFFF

 589762

 A8EAB0

 3E7D4A

 C4FFCB

 246433

 E0FFE8

 034B1D

FEFFFF

 003405

 002100

 000000

 72B27B

 72B27B

 60B26C

 84B28A

 4EB25C

 96B29A

 3DB24D

 A7B2A9

 2BB23E

 B9B2B8

 19B22F

 CBB2C7

 07B21F

 DDB2D7

 00B219

 EFB2E6

 FFB2F5

 FFB2FF

# Harmonies

## Analogous

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



9BAB63



72B27B



40B69D

# Triad

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



72B27B



66A8E9



E78A87

# Complementary

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



72B27B



B272A9

# 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.



E388AA



72B27B



A09CE2

# Square

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



72B27B



14B1DC



CB90CB



D9936B

# Rectangle

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



72B27B



07B6B5



CB90CB



E78892



# Sweetspot

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



72B27B



CFE8D2



A9B272



667568



F5F5F5



757575



# Same Dimension

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



72B27B



84E892



72B29B



505952



009916



001A04



# Inverse Universe

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



B272A9



E884DA



B27289



595058



990083



1A0016



# Previews

## White Background



This preview shows how the Hex color 72B27B looks on a white background.

## Color Contrast Check

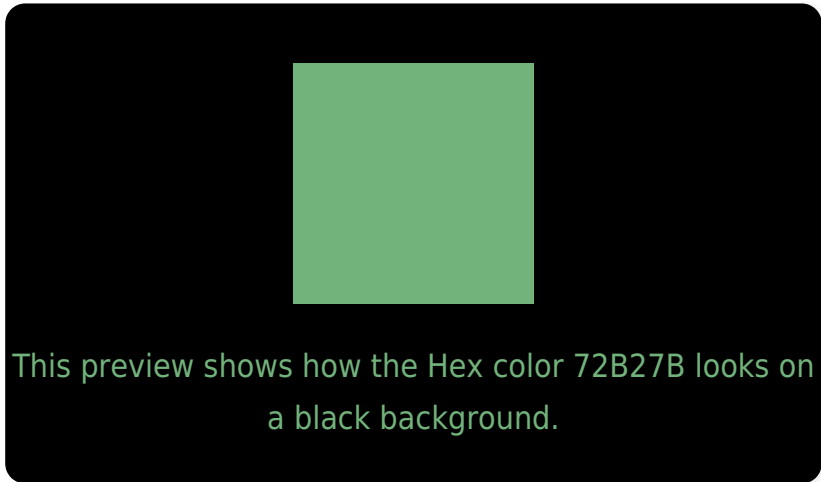
Large Text (above 18pt) WCAG AA × Fail

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

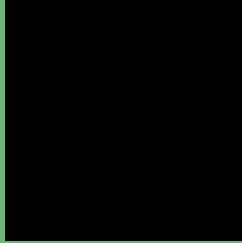
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72B27B Background



This preview shows how black text looks on a background with the Hex color 72B27B.

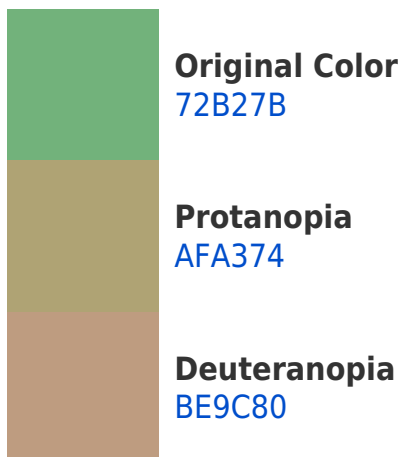


This preview shows how white text looks on a background with the Hex color 72B27B.

# 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





# Trichromacy



**Original Color**  
72B27B



**Protanomaly**  
99A877



**Deuteranomaly**  
A2A47E



**Tritanomaly**  
7AADA2

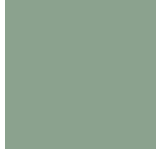
# Monochromacy



**Original Color**  
72B27B



**Achromatopsia**  
999999



**Achromatomaly**  
8BA28E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72B27B 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 #72B27B looks like.

```
.text, #text, p{  
    color:#72B27B  
}
```

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 #72B27B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72B27B
}
```

## Border

The CSS property to change the border of an element to Hex 72B27B 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
#72B27B }
```

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

```
.border{ border-color:#72B27B }
```

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

Here you see how a box with a 4 pixel #72B27B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72B27B; -webkit-box-shadow:4px 4px  
4px 4px #72B27B; box-shadow:4px 4px 4px  
4px #72B27B }
```

# Background

The CSS property to change the background color of an element to Hex 72B27B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72B27B }
```

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

```
.background{ background-color:#72B27B }
```

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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