

# Converting Colors

Hex(72A37D)

Have a look what the booklet for  
Hex(72A37D) contains.

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# **Color**

**Hex(72A37D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72A37D
RGB	114, 163, 125
RGB Percent	45%, 64%, 49%
CMY	0.5529, 0.3608, 0.5098
CMYK	0.30, 0.00, 0.23, 0.36
HSL	133°, 21%, 54%
HSV	133°, 30%, 64%
XYZ	23.7383, 31.2525, 24.1832
YIQ	144.0170, -17.0060, -22.2060

# Conversions

## Conversions Part 2

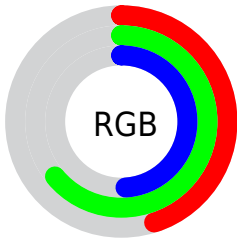
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 154, 163
Decimal	7512957
CIELab	62.72, -24.43, 14.60
CIELCh	63, 28.467, 149.133
Yxy	31.2525, 0.2998, 0.3947
Android (android.graphics.Color)	4285703037 (0xFF72A37D)
YUV	144.0170, -9.3754, -26.3249
Hunter-Lab	55.9039, -22.0359, 13.4847

# Details

The Hex color **72A37D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A37298**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A7DAB2**, and **406F4C** is the 20% darker color. If you saturate the color by 10%, you get **62A370**, and if you desaturate by 10%, it is **82A38A**.

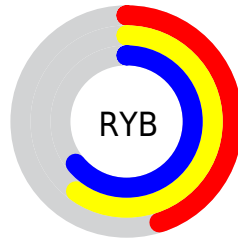
# Distribution



Red (45%)

Green (64%)

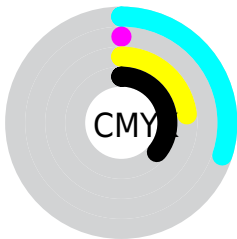
Blue (49%)



Red (45%)

Yellow (60%)

Blue (64%)

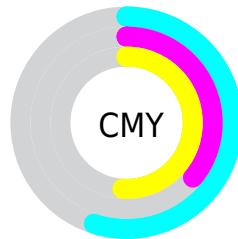


Cyan (30%)

Magenta (0%)

Yellow (23%)

Black (36%)



Cyan (55%)

Magenta (36%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72A37D 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 72A37D by changing the saturation by 10% instead.





72A37D



72A37D

FFFFFF



598964



A7DAB2



406F4C



C3F7CD



285635



DFFFE9



0E3F1F



FCFFFF



002809



001100



000000



72A37D



72A37D



62A370



82A38A

 51A364

 93A396

 41A357

 A3A3A3

 31A34A

 B3A3B0

 21A33E

 C3A3BC

 10A331

 D4A3C9

 00A325

 E4A3D5

 F4A3E2

 FFA3EF

# Harmonies

## Analogous

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



8F9E6B



72A37D



55A696

# Triad

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



72A37D



759ACA



C98780

# Complementary

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



72A37D



A37298

# 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.



C78599



72A37D



9A91C4

# Square

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



72A37D



52A1C2



B789B2



BF8D6D

# Rectangle

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



72A37D



47A6A7



B789B2



CA8588



# Sweetspot

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



72A37D



C1D4C5



98A372



5F6B62



EBEBEB



6B6B6B



# Same Dimension

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



72A37D



87D499



72A395



49524B



009121



001204



# Inverse Universe

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



A37298



D487C3



A37280



524950



910071



12000E



# Previews

## White Background



This preview shows how the Hex color 72A37D looks on a white background.

## Color Contrast Check

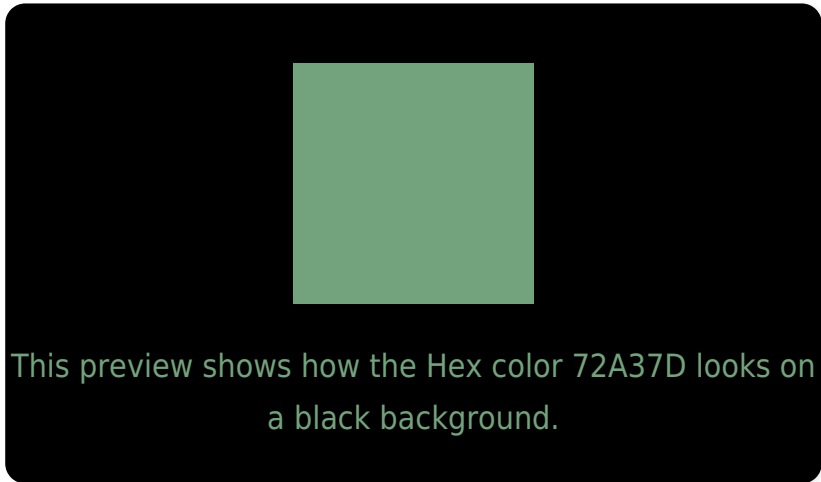
Large Text (above 18pt) WCAG AA × Fail

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

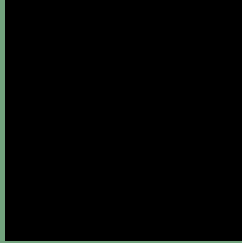
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72A37D Background



This preview shows how black text looks on a background with the Hex color 72A37D.

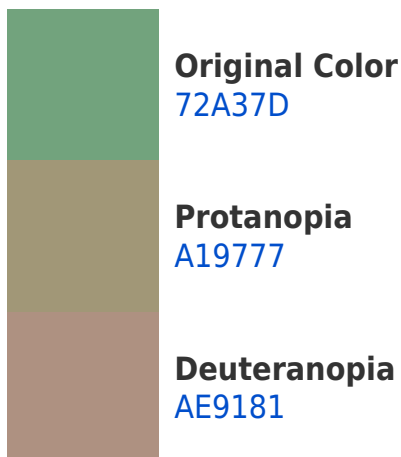


This preview shows how white text looks on a background with the Hex color 72A37D.

# 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**  
7B9DAA

# Trichromacy



**Original Color**  
72A37D

**Protanomaly**  
909B79

**Deuteranomaly**  
989880

**Tritanomaly**  
789F9A

# Monochromacy



**Original Color**  
72A37D

**Achromatopsia**  
909090

**Achromatomaly**  
859789

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72A37D 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 #72A37D looks like.

```
.text, #text, p{  
    color:#72A37D  
}
```

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 #72A37D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72A37D
}
```

## Border

The CSS property to change the border of an element to Hex 72A37D 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
#72A37D }
```

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

```
.border{ border-color:#72A37D }
```

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

Here you see how a box with a 4 pixel #72A37D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72A37D; -webkit-box-shadow:4px 4px  
4px 4px #72A37D; box-shadow:4px 4px 4px  
4px #72A37D }
```

# Background

The CSS property to change the background color of an element to Hex 72A37D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72A37D }
```

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

```
.background{ background-color:#72A37D }
```

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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