

Converting Colors

Hex(72D17A)

Have a look what the booklet for
Hex(72D17A) contains.

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Color

Hex(72D17A)

Conversions

Conversions Part 1

Format	Color
Hex	72D17A
RGB	114, 209, 122
RGB Percent	45%, 82%, 48%
CMY	0.5529, 0.1804, 0.5216
CMYK	0.45, 0.00, 0.42, 0.18
HSL	125°, 51%, 63%
HSV	125°, 45%, 82%
XYZ	33.2527, 50.5835, 26.4233
YIQ	170.6770, -28.6930, -47.1970

Conversions

Conversions Part 2

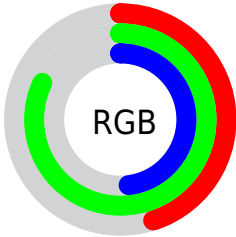
Format	Color
RYB	114, 202, 209
Decimal	7524730
CIELab	76.43, -46.07, 34.61
CIELCh	76, 57.621, 143.089
Yxy	50.5835, 0.3016, 0.4588
Android (android.graphics.Color)	4285714810 (0xFF72D17A)
YUV	170.6770, -23.9978, -49.7057
Hunter-Lab	71.1221, -41.0069, 27.7580

Details

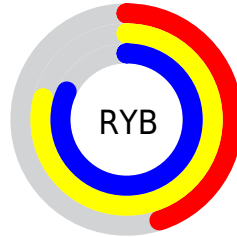
The Hex color **72D17A** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D172C9**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **AAFFAF**, and **399A48** is the 20% darker color. If you saturate the color by 10%, you get **5DD167**, and if you desaturate by 10%, it is **87D18D**.

Distribution



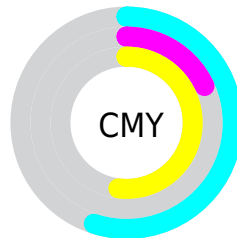
- Red (45%)
- Green (82%)
- Blue (48%)



- Red (45%)
- Yellow (79%)
- Blue (82%)



- Cyan (45%)
- Magenta (0%)
- Yellow (42%)
- Black (18%)



- Cyan (55%)
- Magenta (18%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72D17A 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 72D17A by changing the saturation by 10% instead.

 72D17A

 72D17A

FFFFFF

 56B560

 AAFFAF

 399A48

 C7FFCB

 157F2F

 E5FFE8

 006517

 004C00

 003500

 001F00

 000000

 72D17A

 72D17A

 5DD167

 87D18D

 48D154

 9CD1A0

 33D141

 B1D1B3

 1ED12D

 C6D1C7

 0AD11A

 DBD1DA

 00D112

 EFD1ED

 FFD1FF

Harmonies

Analogous

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



B3C656



72D17A



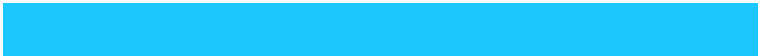
00D7AE

Triad

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



72D17A



1CC6FF



FF9296

Complementary

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



72D17A



D172C9

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.



FF90CB



72D17A



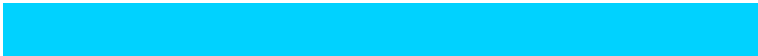
ACB3FF

Square

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



72D17A



00D2FF



F29EFD



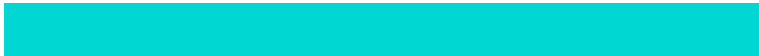
FFA269

Rectangle

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



72D17A



00D7D3



F29EFD



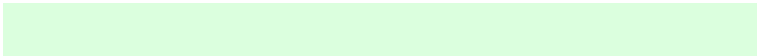
FF8FA7

Sweetspot

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



72D17A



DBFFDE



C9D172



6A806C



000000



808080

Same Dimension

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



72D17A



73FF7F



72D1A9



5E695F



00A80E



002903

Inverse Universe

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



D172C9



FF73F3



D1729A



695E68



A8009A



290025

Previews

White Background



This preview shows how the Hex color 72D17A looks on a white background.

Color Contrast Check

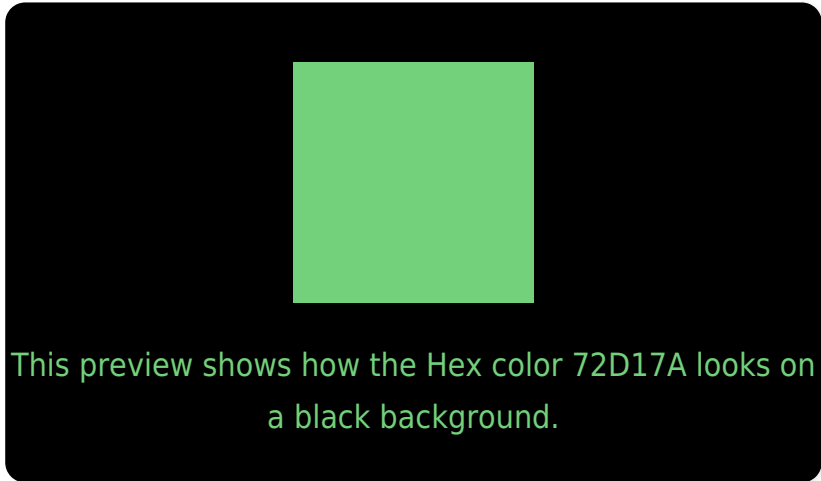
Large Text (above 18pt) WCAG AA × Fail

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 72D17A Background



This preview shows how black text looks on a background with the Hex color 72D17A.

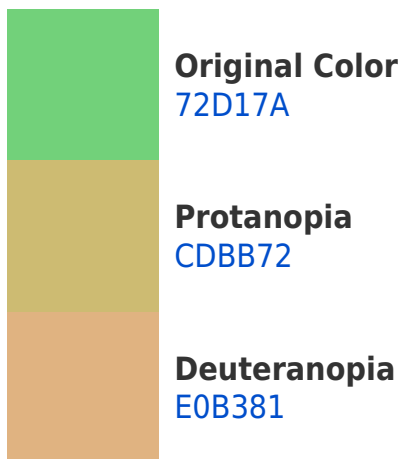


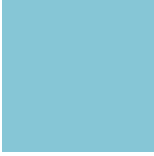
This preview shows how white text looks on a background with the Hex color 72D17A.

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](#).

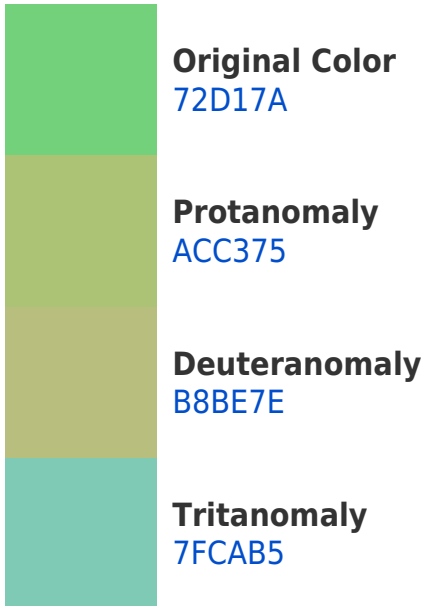
Dichromacy



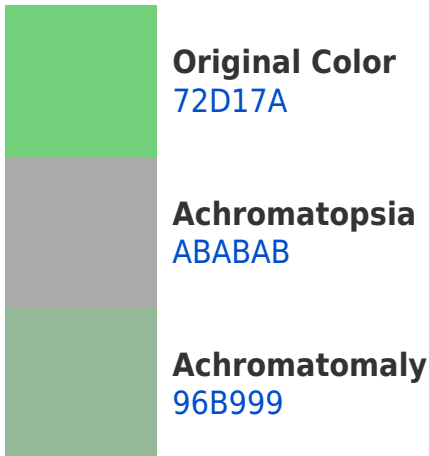


Tritanopia
86C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72D17A 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 #72D17A looks like.

```
.text, #text, p{  
    color:#72D17A  
}
```

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 #72D17A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72D17A
}
```

Border

The CSS property to change the border of an element to Hex 72D17A 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
#72D17A }
```

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

```
.border{ border-color:#72D17A }
```

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

Here you see how a box with a 4 pixel #72D17A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72D17A; -webkit-box-shadow:4px 4px  
4px 4px #72D17A; box-shadow:4px 4px 4px  
4px #72D17A }
```

Background

The CSS property to change the background color of an element to Hex 72D17A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72D17A }
```

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

```
.background{ background-color:#72D17A }
```

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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