

Converting Colors

Hex(72AE7B)

Have a look what the booklet for
Hex(72AE7B) contains.

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Color

Hex(72AE7B)

Conversions

Conversions Part 1

Format	Color
Hex	72AE7B
RGB	114, 174, 123
RGB Percent	45%, 68%, 48%
CMY	0.5529, 0.3176, 0.5176
CMYK	0.34, 0.00, 0.29, 0.32
HSL	129°, 27%, 56%
HSV	129°, 34%, 68%
XYZ	25.6506, 35.2796, 24.1966
YIQ	150.2460, -19.3890, -28.5810

Conversions

Conversions Part 2

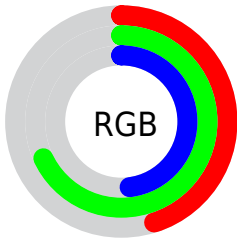
Format	Color
RYB	114, 166, 174
Decimal	7515771
CIELab	65.97, -30.19, 20.18
CIELCh	66, 36.309, 146.239
Yxy	35.2796, 0.3013, 0.4144
Android (android.graphics.Color)	4285705851 (0xFF72AE7B)
YUV	150.2460, -13.4323, -31.7877
Hunter-Lab	59.3966, -26.8582, 17.4245

Details

The Hex color **72AE7B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AE72A5**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **A8E6B0**, and **3F794A** is the 20% darker color. If you saturate the color by 10%, you get **61AE6C**, and if you desaturate by 10%, it is **83AE8A**.

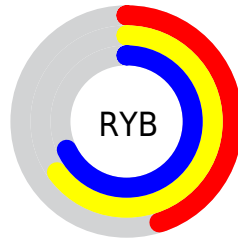
Distribution



Red (45%)

Green (68%)

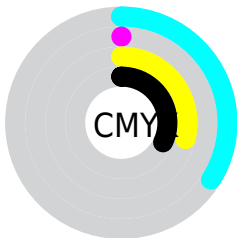
Blue (48%)



Red (45%)

Yellow (65%)

Blue (68%)

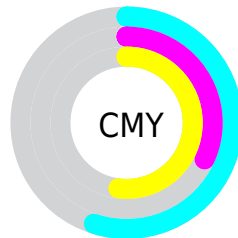


Cyan (34%)

Magenta (0%)

Yellow (29%)

Black (32%)



Cyan (55%)

Magenta (32%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72AE7B 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 72AE7B by changing the saturation by 10% instead.

 72AE7B

 72AE7B

FFFFFF

 589362

 A8E6B0

 3F794A

 C4FFCB

 256033

 E0FFE7

 06481D

FDFFFF

 003106

 001D00

 000000

 72AE7B

 72AE7B

 61AE6C

 83AE8A

 4FAE5D

 95AE99

 3EAE4F

 A6AEA7

 2CAE40

 B8AEB6

 1BAE31

 C9AEC5

 0AAE22

 DAAED4

 00AE1A

 ECAEE3

 FDAEF1

 FFAEFF

Harmonies

Analogous

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



98A765



72AE7B



46B19B

Triad

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



72AE7B



69A5E1



DF8985

Complementary

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



72AE7B



AE72A5

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.



DC87A6



72AE7B



9E99DB

Square

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



72AE7B



2DADD6



C58EC5



D3926B

Rectangle

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



72AE7B



24B2B1



C58EC5



E08790

Sweetspot

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



72AE7B



CCE3D0



A5AE72



657367



F2F2F2



737373

Same Dimension

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



72AE7B



86E394



72AE99



4E574F



009617



001703

Inverse Universe

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



AE72A5



E386D5



AE7287



574E55



960080



170014

Previews

White Background



This preview shows how the Hex color 72AE7B looks on a white background.

Color Contrast Check

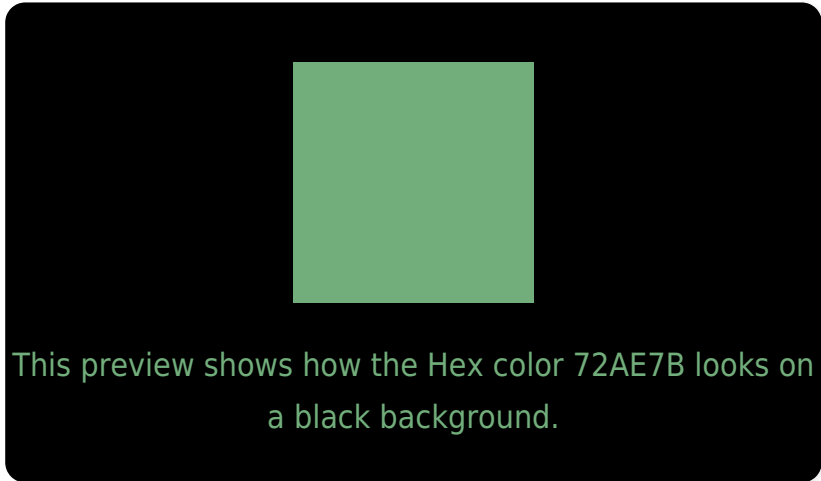
Large Text (above 18pt) WCAG AA × Fail

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

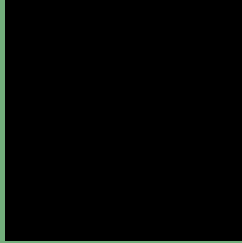
Any Text WCAG AA ✓ Pass

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 72AE7B Background



This preview shows how black text looks on a background with the Hex color 72AE7B.

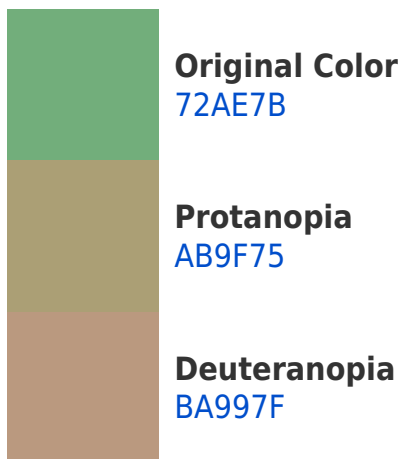


This preview shows how white text looks on a background with the Hex color 72AE7B.

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](#).

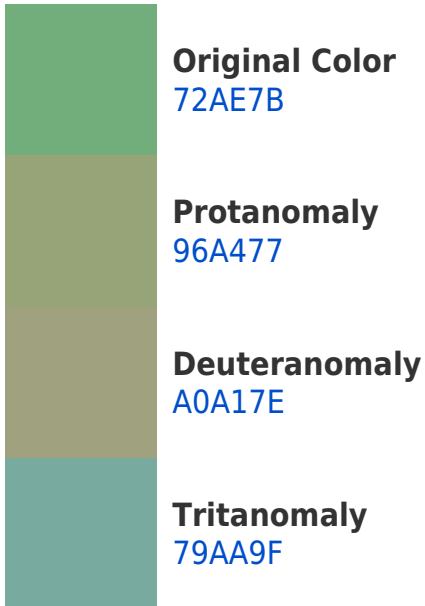
Dichromacy



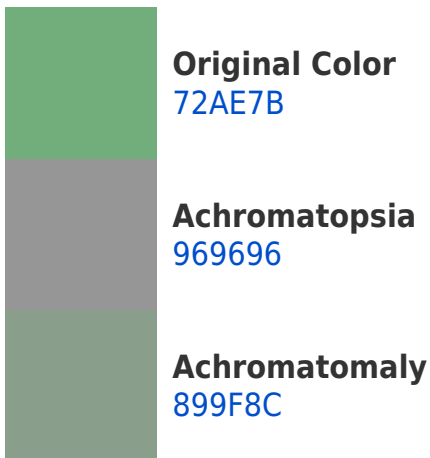


Tritanopia
7DA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72AE7B 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 #72AE7B looks like.

```
.text, #text, p{  
    color:#72AE7B  
}
```

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 #72AE7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72AE7B  
}
```

Border

The CSS property to change the border of an element to Hex 72AE7B 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  
#72AE7B }
```

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

```
.border{ border-color:#72AE7B }
```

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

Here you see how a box with a 4 pixel #72AE7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72AE7B; -webkit-box-shadow:4px 4px  
4px 4px #72AE7B; box-shadow:4px 4px 4px  
4px #72AE7B }
```

Background

The CSS property to change the background color of an element to Hex 72AE7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72AE7B }
```

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

```
.background{ background-color:#72AE7B }
```

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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