

Converting Colors

Hex(72B7AF)

Have a look what the booklet for
Hex(72B7AF) contains.

Hex(72B7AF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(72B7AF)

Conversions

Conversions Part 1

Format	Color
Hex	72B7AF
RGB	114, 183, 175
RGB Percent	45%, 72%, 69%
CMY	0.5529, 0.2824, 0.3137
CMYK	0.38, 0.00, 0.04, 0.28
HSL	173°, 32%, 58%
HSV	173°, 38%, 72%
XYZ	31.6108, 40.5395, 46.7163
YIQ	161.4570, -38.5560, -17.1160

Conversions

Conversions Part 2

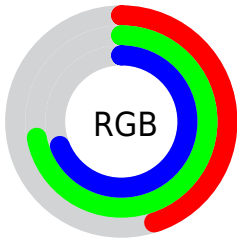
Format	Color
RYB	114, 151, 183
Decimal	7518127
CIELab	69.85, -23.63, -2.82
CIElCh	70, 23.801, 186.816
Yxy	40.5395, 0.2659, 0.3411
Android (android.graphics.Color)	4285708207 (0xFF72B7AF)
YUV	161.4570, 6.6767, -41.6198
Hunter-Lab	63.6707, -22.8032, 1.0673

Details

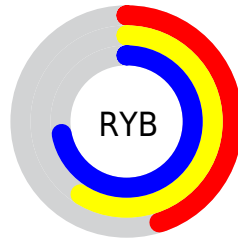
The Hex color **72B7AF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B7727A**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A9EFE6**, and **3D827B** is the 20% darker color. If you saturate the color by 10%, you get **60B7AD**, and if you desaturate by 10%, it is **84B7B1**.

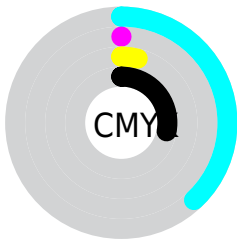
Distribution



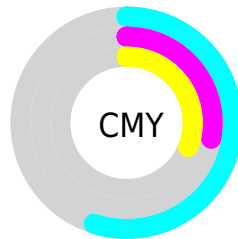
- Red (45%)
- Green (72%)
- Blue (69%)



- Red (45%)
- Yellow (59%)
- Blue (72%)



- Cyan (38%)
- Magenta (0%)
- Yellow (4%)
- Black (28%)



- Cyan (55%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72B7AF 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 72B7AF by changing the saturation by 10% instead.

 72B7AF

 72B7AF

FFFFFF

 579C94

 A9EFE6

 3D827B

 C5FFFF

 206862

 E2FFFF

 00504A

 003934

 00231E

 000006

 000000

 72B7AF

 72B7AF

 60B7AD

 84B7B1

 4DB7AB

 97B7B3

 3BB7A9

 A9B7B5

 29B7A7

 BBB7B7

 17B7A4

 CEB7BA

 04B7A2

 E0B7BC

 00B7A2

 F2B7BE

 FFB7C0

 FFB7C2

Harmonies

Analogous

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



85B599



72B7AF



6DB6C4

Triad

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



72B7AF



B4A3CD



C9A484

Complementary

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



72B7AF



B7727A

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.



D59E92



72B7AF



CB9DBC

Square

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



72B7AF



97ABD5



D69BA6



B6AB80

Rectangle

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



72B7AF



75B3CE



D69BA6



CEA187

Sweetspot

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



72B7AF



D3EDEA



7AB772



687876



F7F7F7



787878

Same Dimension

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



72B7AF



82EDE1



729DB7



535C5B



009C8A



001C19

Inverse Universe

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



B7727A



ED828F



B78C72



5C5354



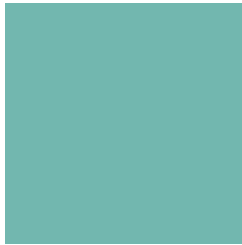
9C0012



1C0003

Previews

White Background



This preview shows how the Hex color 72B7AF looks on a white background.

Color Contrast Check

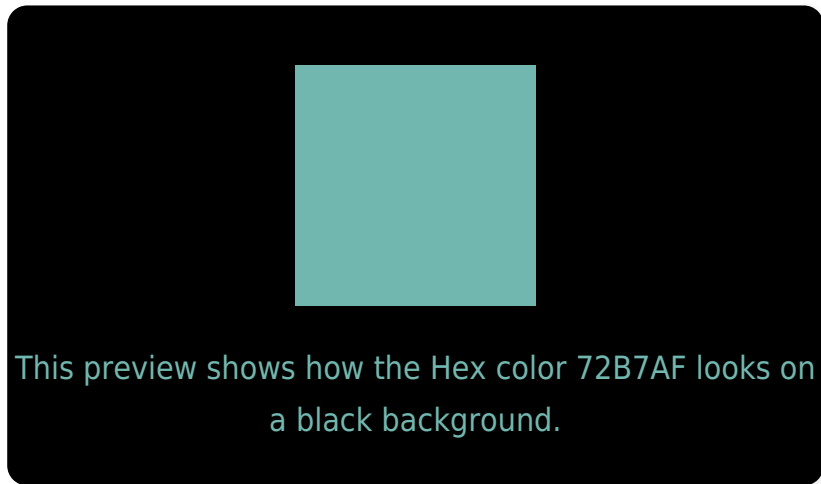
Large Text (above 18pt) WCAG AA × Fail

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

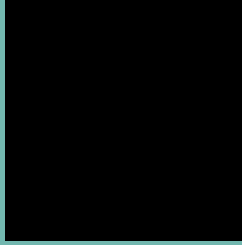
Any Text WCAG AA ✓ Pass

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 72B7AF Background



This preview shows how black text looks on a background with the Hex color 72B7AF.

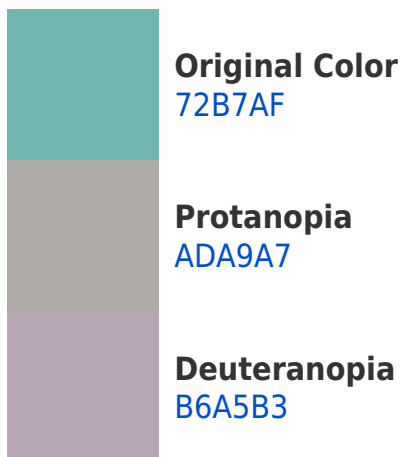


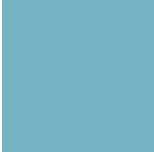
This preview shows how white text looks on a background with the Hex color 72B7AF.

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](#).

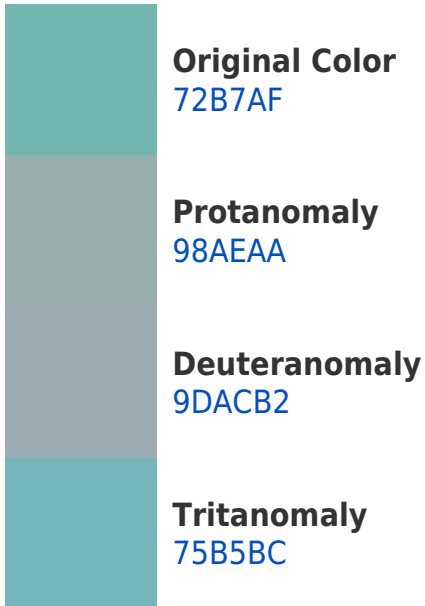
Dichromacy



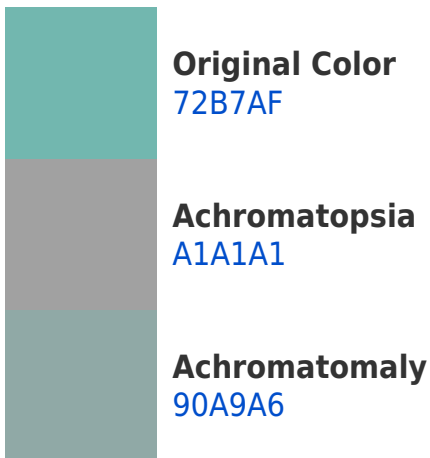


Tritanopia
77B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72B7AF 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 #72B7AF looks like.

```
.text, #text, p{  
    color:#72B7AF  
}
```

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 #72B7AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72B7AF  
}
```

Border

The CSS property to change the border of an element to Hex 72B7AF 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  
#72B7AF }
```

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

```
.border{ border-color:#72B7AF }
```

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

Here you see how a box with a 4 pixel #72B7AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72B7AF; -webkit-box-shadow:4px 4px  
4px 4px #72B7AF; box-shadow:4px 4px 4px  
4px #72B7AF }
```

Background

The CSS property to change the background color of an element to Hex 72B7AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72B7AF }
```

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

```
.background{ background-color:#72B7AF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor