

Converting Colors

Hex(72B5AF)

Have a look what the booklet for
Hex(72B5AF) contains.

Hex(72B5AF)	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(72B5AF)

Conversions

Conversions Part 1

Format	Color
Hex	72B5AF
RGB	114, 181, 175
RGB Percent	45%, 71%, 69%
CMY	0.5529, 0.2902, 0.3137
CMYK	0.37, 0.00, 0.03, 0.29
HSL	175°, 31%, 58%
HSV	175°, 37%, 71%
XYZ	31.2012, 39.7203, 46.5797
YIQ	160.2830, -38.0060, -16.0700

Conversions

Conversions Part 2

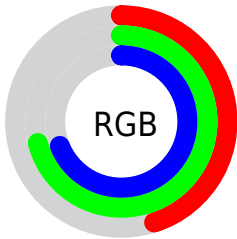
Format	Color
RYB	114, 149, 181
Decimal	7517615
CIELab	69.27, -22.63, -3.68
CIElCh	69, 22.923, 189.242
Yxy	39.7203, 0.2655, 0.3380
Android (android.graphics.Color)	4285707695 (0xFF72B5AF)
YUV	160.2830, 7.2555, -40.5902
Hunter-Lab	63.0240, -21.9225, 0.2968

Details

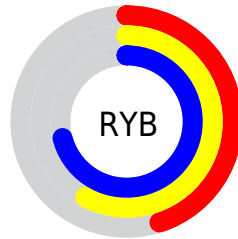
The Hex color **72B5AF** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B57278**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **A9EDE6**, and **3D807B** is the 20% darker color. If you saturate the color by 10%, you get **60B5AD**, and if you desaturate by 10%, it is **84B5B1**.

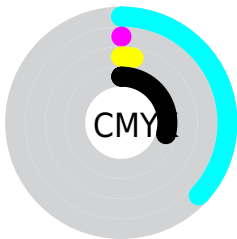
Distribution



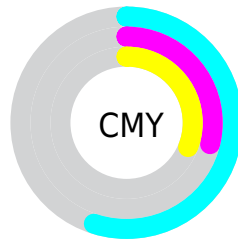
- Red (45%)
- Green (71%)
- Blue (69%)



- Red (45%)
- Yellow (58%)
- Blue (71%)



- Cyan (37%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (55%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72B5AF 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 72B5AF by changing the saturation by 10% instead.



72B5AF



72B5AF

FFFFFF



579A94



A9EDE6



3D807B



C5FFFF



216762



E1FFFF



004E4A



003734



00221E



000006



000000



72B5AF



72B5AF

60B5AD

84B5B1

4EB5AC

96B5B2

3CB5AA

A8B5B4

2AB5A9

BAB5B5

17B5A7

CDB5B7

05B5A5

DFB5B9

00B5A5

F1B5BA

FFB5BC

FFB5BE

Harmonies

Analogous

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



84B49A



72B5AF



6FB3C3

Triad

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



72B5AF



B5A2C9



C5A383

Complementary

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



72B5AF



B57278

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.



D19D90



72B5AF



C99CB8

Square

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



72B5AF



99A9D2



D39AA3



B2AA80

Rectangle

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



72B5AF



77B1CC



D39AA3



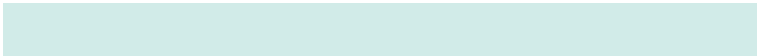
CAA186

Sweetspot

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



72B5AF



D1EBE8



79B572



667574



F5F5F5



757575

Same Dimension

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



72B5AF



83EBE1



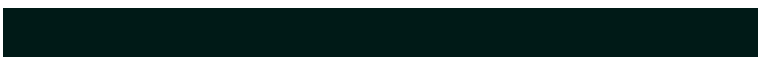
729AB5



505958



00998B



001A17

Inverse Universe

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



B57278



EB838D



B58D72



595051



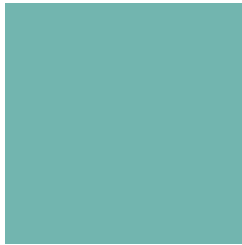
99000E



1A0002

Previews

White Background



This preview shows how the Hex color 72B5AF looks on a white background.

Color Contrast Check

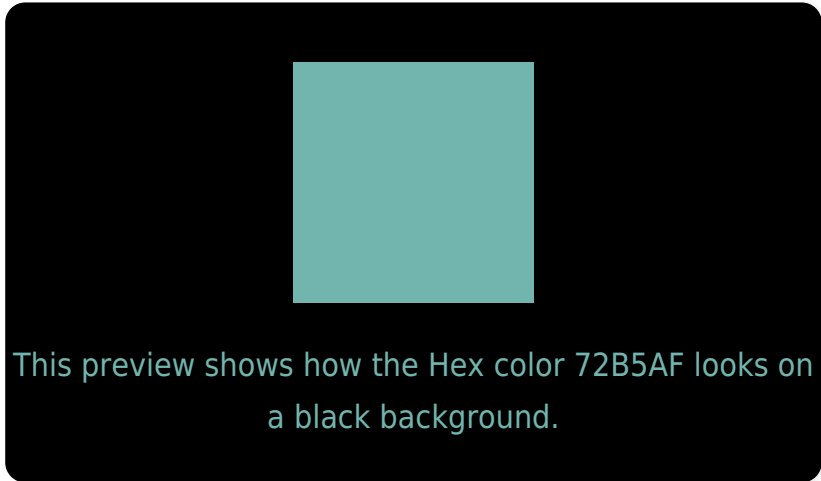
Large Text (above 18pt) WCAG AA × Fail

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

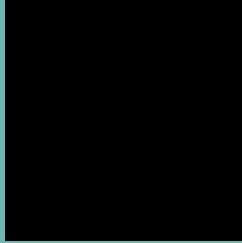
Any Text WCAG AA ✓ Pass

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 72B5AF Background



This preview shows how black text looks on a background with the Hex color 72B5AF.

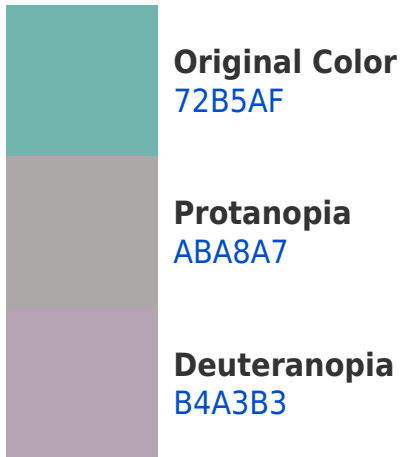


This preview shows how white text looks on a background with the Hex color 72B5AF.

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](#).

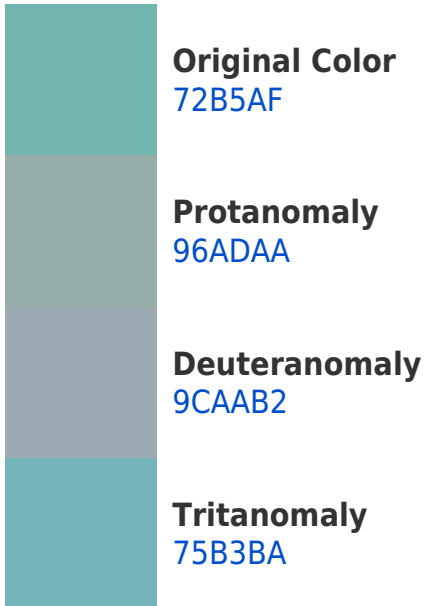
Dichromacy



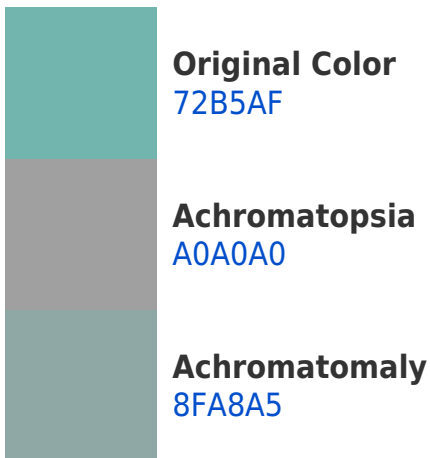


Tritanopia
77B2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72B5AF 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 #72B5AF looks like.

```
.text, #text, p{  
    color:#72B5AF  
}
```

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 #72B5AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72B5AF
}
```

Border

The CSS property to change the border of an element to Hex 72B5AF 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
#72B5AF }
```

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

```
.border{ border-color:#72B5AF }
```

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

Here you see how a box with a 4 pixel #72B5AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72B5AF; -webkit-box-shadow:4px 4px  
4px 4px #72B5AF; box-shadow:4px 4px 4px  
4px #72B5AF }
```

Background

The CSS property to change the background color of an element to Hex 72B5AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72B5AF }
```

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

```
.background{ background-color:#72B5AF }
```

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