

Converting Colors

Hex(72B7AA)

Have a look what the booklet for
Hex(72B7AA) contains.

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Color

Hex(72B7AA)

Conversions

Conversions Part 1

Format	Color
Hex	72B7AA
RGB	114, 183, 170
RGB Percent	45%, 72%, 67%
CMY	0.5529, 0.2824, 0.3333
CMYK	0.38, 0.00, 0.07, 0.28
HSL	169°, 32%, 58%
HSV	169°, 38%, 72%
XYZ	31.1286, 40.3467, 44.1772
YIQ	160.8870, -36.9510, -18.6710

Conversions

Conversions Part 2

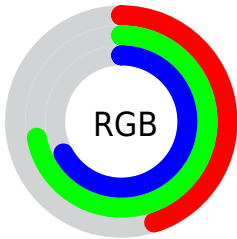
Format	Color
RYB	114, 152, 183
Decimal	7518122
CIELab	69.72, -24.82, -0.28
CIElCh	70, 24.817, 180.637
Yxy	40.3467, 0.2692, 0.3489
Android (android.graphics.Color)	4285708202 (0xFF72B7AA)
YUV	160.8870, 4.4927, -41.1199
Hunter-Lab	63.5190, -23.6812, 3.2273

Details

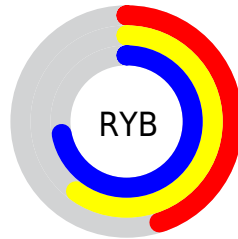
The Hex color **72B7AA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B7727F**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A9EFE1**, and **3D8276** is the 20% darker color. If you saturate the color by 10%, you get **60B7A7**, and if you desaturate by 10%, it is **84B7AD**.

Distribution



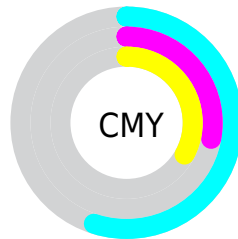
- Red (45%)
- Green (72%)
- Blue (67%)



- Red (45%)
- Yellow (60%)
- Blue (72%)



- Cyan (38%)
- Magenta (0%)
- Yellow (7%)
- Black (28%)



- Cyan (55%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72B7AA 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 72B7AA by changing the saturation by 10% instead.

 72B7AA

 72B7AA

FFFFFF

 579C90

 A9EFE1

 3D8276

 C5FFFE

 21685D

 E1FFFF

 005046

 003830

 00231B

 000000

 72B7AA

 72B7AA

 60B7A7

 84B7AD

 4DB7A3

 97B7B1

 3BB7A0

 A9B7B4

 29B79C

 BBB7B8

 17B799

 CEB7BB

 04B795

 E0B7BF

 00B795

 F2B7C2

 FFB7C6

 FFB7C9

Harmonies

Analogous

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



88B594



72B7AA



68B6C0

Triad

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



72B7AA



AFA4D1



CDA184

Complementary

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



72B7AA



B7727F

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.



D89C94



72B7AA



C89DC1

Square

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



72B7AA



8FACD7



D69AAB



BAA97D

Rectangle

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



72B7AA



6EB4CC



D69AAB



D29F88

Sweetspot

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



72B7AA



D3EDE8



80B772



687875



F7F7F7



787878

Same Dimension

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



72B7AA



82EDD9



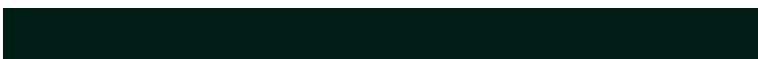
72A2B7



535C5A



009C7E



001C17

Inverse Universe

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



B7727F



ED8297



B78772



5C5354



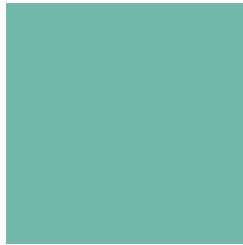
9C001D



1C0005

Previews

White Background



This preview shows how the Hex color 72B7AA looks on a white background.

Color Contrast Check

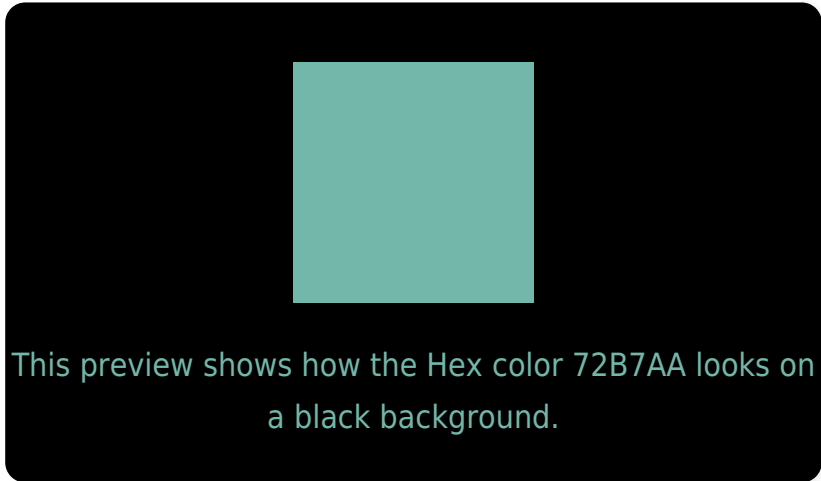
Large Text (above 18pt) WCAG AA × Fail

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

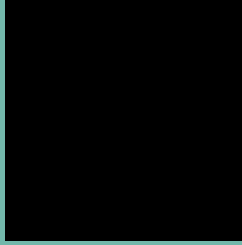
Any Text WCAG AA ✓ Pass

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 72B7AA Background



This preview shows how black text looks on a background with the Hex color 72B7AA.



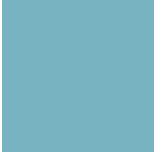
This preview shows how white text looks on a background with the Hex color 72B7AA.

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](#).

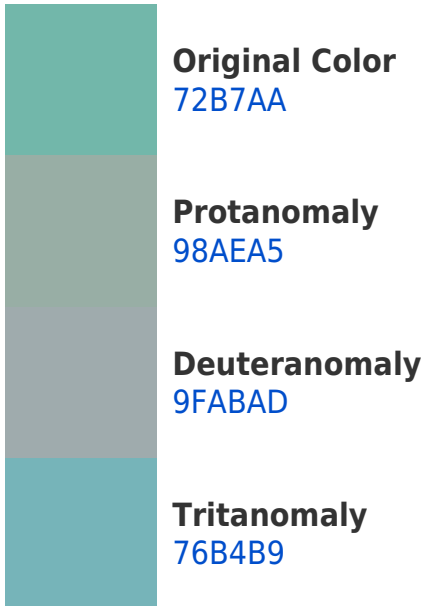
Dichromacy



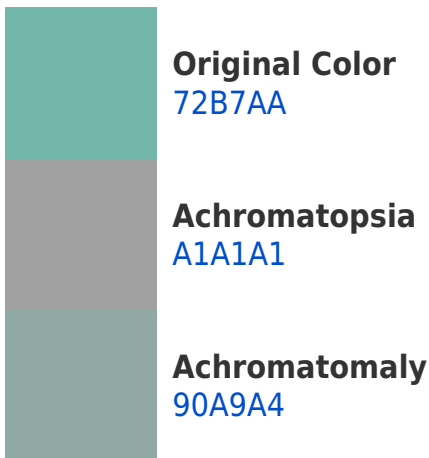


Tritanopia
78B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72B7AA 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 #72B7AA looks like.

```
.text, #text, p{  
    color:#72B7AA  
}
```

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 #72B7AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72B7AA
}
```

Border

The CSS property to change the border of an element to Hex 72B7AA 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
#72B7AA }
```

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

```
.border{ border-color:#72B7AA }
```

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

Here you see how a box with a 4 pixel #72B7AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72B7AA; -webkit-box-shadow:4px 4px  
4px 4px #72B7AA; box-shadow:4px 4px 4px  
4px #72B7AA }
```

Background

The CSS property to change the background color of an element to Hex 72B7AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72B7AA }
```

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

```
.background{ background-color:#72B7AA }
```

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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