

Converting Colors

Hex(72B7B2)

Have a look what the booklet for
Hex(72B7B2) contains.

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Color

Hex(72B7B2)

Conversions

Conversions Part 1

Format	Color
Hex	72B7B2
RGB	114, 183, 178
RGB Percent	45%, 72%, 70%
CMY	0.5529, 0.2824, 0.3020
CMYK	0.38, 0.00, 0.03, 0.28
HSL	176°, 32%, 58%
HSV	176°, 38%, 72%
XYZ	31.9088, 40.6587, 48.2856
YIQ	161.7990, -39.5190, -16.1830

Conversions

Conversions Part 2

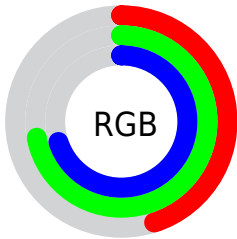
Format	Color
RYB	114, 150, 183
Decimal	7518130
CIELab	69.94, -22.91, -4.35
CIElCh	70, 23.319, 190.752
Yxy	40.6587, 0.2640, 0.3364
Android (android.graphics.Color)	4285708210 (0xFF72B7B2)
YUV	161.7990, 7.9871, -41.9197
Hunter-Lab	63.7642, -22.2626, -0.2626

Details

The Hex color **72B7B2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B77277**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A9EFEA**, and **3C827D** is the 20% darker color. If you saturate the color by 10%, you get **60B7B1**, and if you desaturate by 10%, it is **84B7B3**.

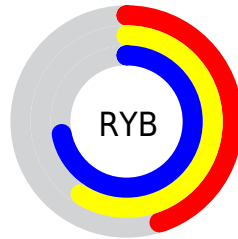
Distribution



Red (45%)

Green (72%)

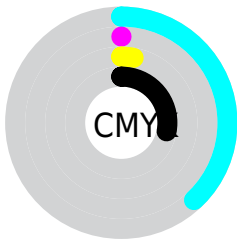
Blue (70%)



Red (45%)

Yellow (59%)

Blue (72%)

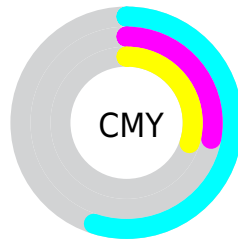


Cyan (38%)

Magenta (0%)

Yellow (3%)

Black (28%)



Cyan (55%)

Magenta (28%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72B7B2 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 72B7B2 by changing the saturation by 10% instead.

 72B7B2

 72B7B2

FFFFFF

 579C97

 A9EFEA

 3C827D

 C5FFFF

 206865

 E2FFFF

 00504D

 003936

 002321

 00000A

 000000

 72B7B2

 72B7B2

 60B7B1

 84B7B3

 4DB7AF

 97B7B5

 3BB7AE

 A9B7B6

 29B7AD

 BBB7B7

 17B7AB

 CEB7B9

 04B7AA

 E0B7BA

 00B7AA

 F2B7BB

 FFB7BD

 FFB7BE

Harmonies

Analogous

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



84B69C



72B7B2



70B5C6

Triad

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



72B7B2



B8A3CB



C7A583

Complementary

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



72B7B2



B77277

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.



D49F90



72B7B2



CD9DB9

Square

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



72B7B2



9CAAD4



D69CA4



B3AC81

Rectangle

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



72B7B2



79B3CF



D69CA4



CCA387

Sweetspot

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



72B7B2



D3EDEB



78B772



687877



F7F7F7



787878

Same Dimension

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



72B7B2



82EDE5



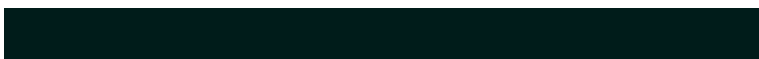
729AB7



535C5B



009C90



001C1A

Inverse Universe

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



B77277



ED828A



B78F72



5C5353



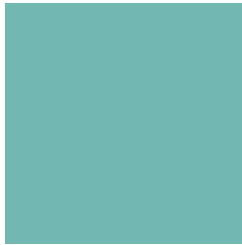
9C000B



1C0002

Previews

White Background



This preview shows how the Hex color 72B7B2 looks on a white background.

Color Contrast Check

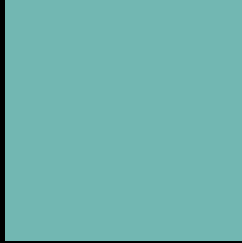
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 72B7B2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

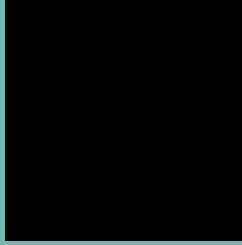
Any Text WCAG AA ✓ Pass

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 72B7B2 Background



This preview shows how black text looks on a background with the Hex color 72B7B2.

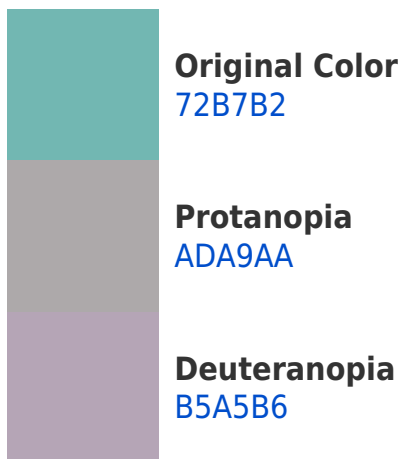


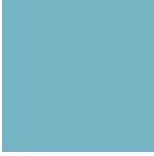
This preview shows how white text looks on a background with the Hex color 72B7B2.

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](#).

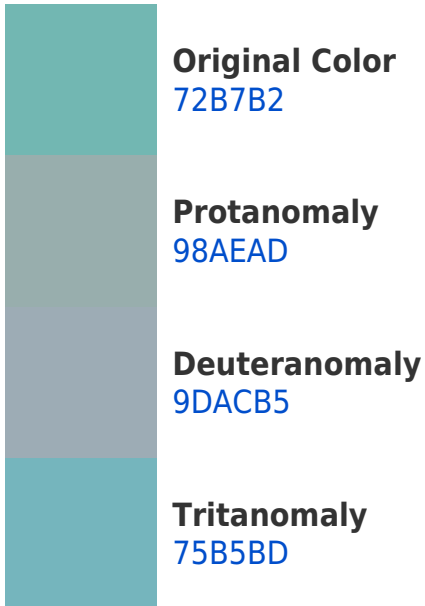
Dichromacy



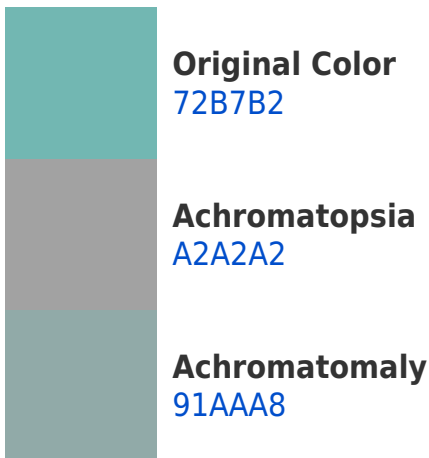


Tritanopia
76B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72B7B2 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 #72B7B2 looks like.

```
.text, #text, p{  
    color:#72B7B2  
}
```

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 #72B7B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72B7B2
}
```

Border

The CSS property to change the border of an element to Hex 72B7B2 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
#72B7B2 }
```

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

```
.border{ border-color:#72B7B2 }
```

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

Here you see how a box with a 4 pixel #72B7B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72B7B2; -webkit-box-shadow:4px 4px  
4px 4px #72B7B2; box-shadow:4px 4px 4px  
4px #72B7B2 }
```

Background

The CSS property to change the background color of an element to Hex 72B7B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72B7B2 }
```

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

```
.background{ background-color:#72B7B2 }
```

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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