

# Converting Colors

Hex(72B2A1)

Have a look what the booklet for  
Hex(72B2A1) contains.

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**Color**

**Hex(72B2A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72B2A1
RGB	114, 178, 161
RGB Percent	45%, 70%, 63%
CMY	0.5529, 0.3020, 0.3686
CMYK	0.36, 0.00, 0.10, 0.30
HSL	164°, 29%, 57%
HSV	164°, 36%, 70%
XYZ	29.2928, 37.9914, 39.5074
YIQ	156.9260, -32.6870, -18.8550

# Conversions

## Conversions Part 2

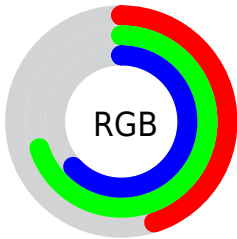
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">114, 151, 178</a>
Decimal	<a href="#">7516833</a>
CIELab	<a href="#">68.01, -24.39, 2.20</a>
CIELCh	<a href="#">68, 24.493, 174.840</a>
Yxy	<a href="#">37.9914, 0.2743, 0.3558</a>
Android (android.graphics.Color)	<a href="#">4285706913</a> ( <a href="#">0xFF72B2A1</a> )
YUV	<a href="#">156.9260, 2.0085, -37.6461</a>
Hunter-Lab	<a href="#">61.6372, -23.0335, 5.1431</a>

# Details

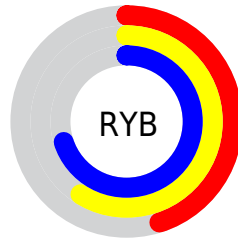
The Hex color **72B2A1** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B27283**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A8EAD8**, and **3E7D6E** is the 20% darker color. If you saturate the color by 10%, you get **60B29C**, and if you desaturate by 10%, it is **84B2A6**.

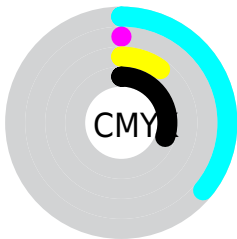
# Distribution



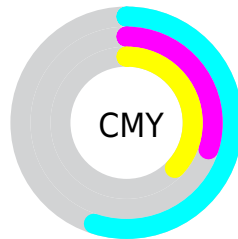
- Red (45%)
- Green (70%)
- Blue (63%)



- Red (45%)
- Yellow (59%)
- Blue (70%)



- Cyan (36%)
- Magenta (0%)
- Yellow (10%)
- Black (30%)



- Cyan (55%)
- Magenta (30%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72B2A1 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 72B2A1 by changing the saturation by 10% instead.





72B2A1



72B2A1

FFFFFF



589787



A8EAD8



3E7D6E



C4FFF4



236455



E1FFFF



014C3E

FEFFFF



003428



002014



000000



72B2A1



72B2A1



60B29C



84B2A6

 4EB298

 96B2AA

 3DB293

 A7B2AF

 2BB28E

 B9B2B4

 19B289

 CBB2B9

 07B285

 DDB2BD

 00B283

 EFB2C2

 FFB2C7

 FFB2CC

# Harmonies

## Analogous

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



89AF8C



72B2A1



65B2B7

# Triad

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



72B2A1



A4A1CE



CB9C82

# Complementary

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



72B2A1



B27283

# 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.



D39794



72B2A1



BF9ABF

# Square

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



72B2A1



85A9D1



CF96AA



BAA37A

# Rectangle

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



72B2A1



67B0C4



CF96AA



CF9A88

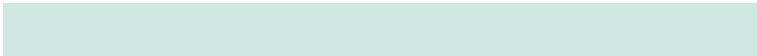


# Sweetspot

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



72B2A1



CFE8E1



83B272



667571



F5F5F5



757575



# Same Dimension

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



72B2A1



84E8CE



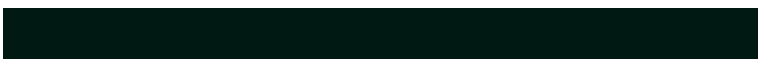
72A3B2



505957



009970



001A13



# Inverse Universe

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



B27283



E8849F



B28172



595053



990029

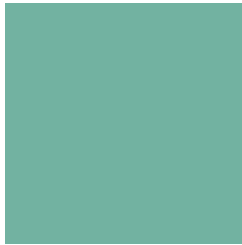


1A0007



# Previews

## White Background



This preview shows how the Hex color 72B2A1 looks on a white background.

## Color Contrast Check

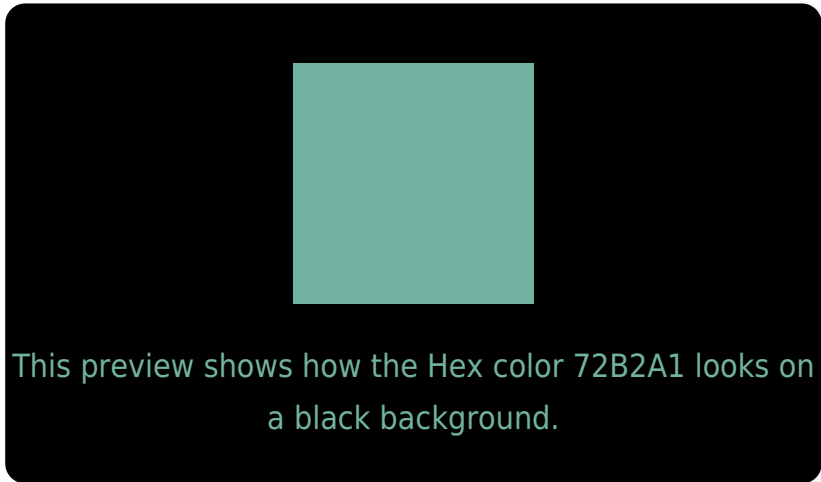
Large Text (above 18pt) WCAG AA × Fail

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

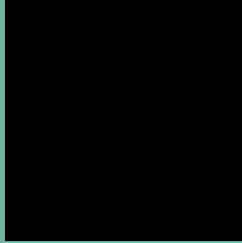
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 72B2A1 Background



This preview shows how black text looks on a background with the Hex color 72B2A1.

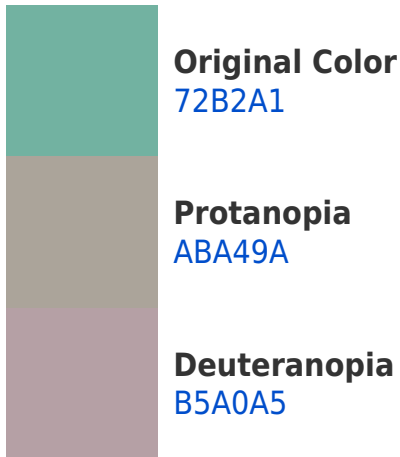


This preview shows how white text looks on a background with the Hex color 72B2A1.

# 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](#).

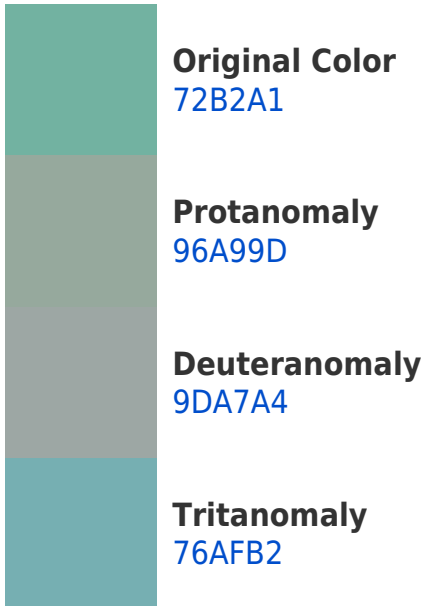
## Dichromacy



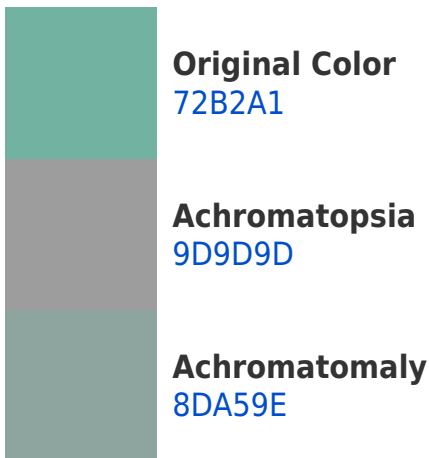


**Tritanopia**  
78AEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72B2A1 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 #72B2A1 looks like.

```
.text, #text, p{  
    color:#72B2A1  
}
```

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 #72B2A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72B2A1
}
```

## Border

The CSS property to change the border of an element to Hex 72B2A1 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
#72B2A1 }
```

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

```
.border{ border-color:#72B2A1 }
```

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

Here you see how a box with a 4 pixel #72B2A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72B2A1; -webkit-box-shadow:4px 4px  
4px 4px #72B2A1; box-shadow:4px 4px 4px  
4px #72B2A1 }
```

# Background

The CSS property to change the background color of an element to Hex 72B2A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72B2A1 }
```

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

```
.background{ background-color:#72B2A1 }
```

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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