

# Converting Colors

Hex(72A6AC)

Have a look what the booklet for  
Hex(72A6AC) contains.

<b>Hex(72A6AC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(72A6AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72A6AC
RGB	114, 166, 172
RGB Percent	45%, 65%, 67%
CMY	0.5529, 0.3490, 0.3255
CMYK	0.34, 0.03, 0.00, 0.33
HSL	186°, 26%, 56%
HSV	186°, 34%, 67%
XYZ	28.0220, 33.8284, 44.0823
YIQ	151.1360, -32.9180, -9.1580

# Conversions

## Conversions Part 2

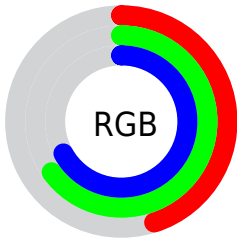
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 141, 172
Decimal	7513772
CIELab	64.83, -15.61, -8.60
CIElCh	65, 17.821, 208.854
Yxy	33.8284, 0.2645, 0.3193
Android (android.graphics.Color)	4285703852 (0xFF72A6AC)
YUV	151.1360, 10.2860, -32.5683
Hunter-Lab	58.1622, -15.7841, -4.2236

# Details

The Hex color **72A6AC** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AC7872**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **A8DDE3**, and **3E7278** is the 20% darker color. If you saturate the color by 10%, you get **61A4AC**, and if you desaturate by 10%, it is **83A8AC**.

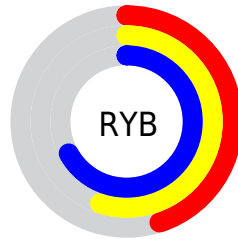
# Distribution



Red (45%)

Green (65%)

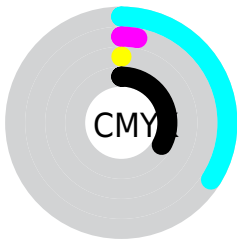
Blue (67%)



Red (45%)

Yellow (55%)

Blue (67%)

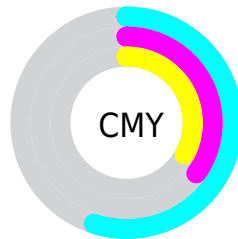


Cyan (34%)

Magenta (3%)

Yellow (0%)

Black (33%)



Cyan (55%)

Magenta (35%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72A6AC 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 72A6AC by changing the saturation by 10% instead.





72A6AC



72A6AC

FFFFFF



588C91



A8DDE3



3E7278



C4FAFF



24595F



E0FFFF



044247



FDFFFF



002B31



00181C



000000



72A6AC



72A6AC



61A4AC



83A8AC

50A2AC

94AAAC

3EA1AC

A6ABAC

2D9FAC

B7ADAC

1C9DAC

C8AFAC

0B9BAC

D9B1AC

009AAC

EAB2AC

FCB4AC

FFB6AC

# Harmonies

## Analogous

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



78A69C



72A6AC



79A3B8

# Triad

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



72A6AC



B195AE



AA9C7E

# Complementary

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



72A6AC



AC7872

# 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.



B89783



72A6AC



BC929E

# Square

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



72A6AC



9F99B9



BE938F



99A181

# Rectangle

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



72A6AC



84A1BC



BE938F



AF9A7E



# Sweetspot

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



72A6AC



CADEE0



72AC78



636F70



F0F0F0



707070



# Same Dimension

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



72A6AC



87D7E0



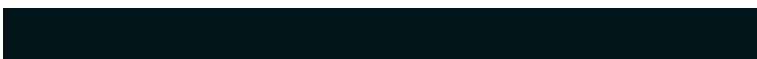
7289AC



4E5657



008796



001517



# Inverse Universe

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



AC72A6



E087D7



AC9572



574E56



960087



170015



# Previews

## White Background



This preview shows how the Hex color 72A6AC looks on a white background.

## Color Contrast Check

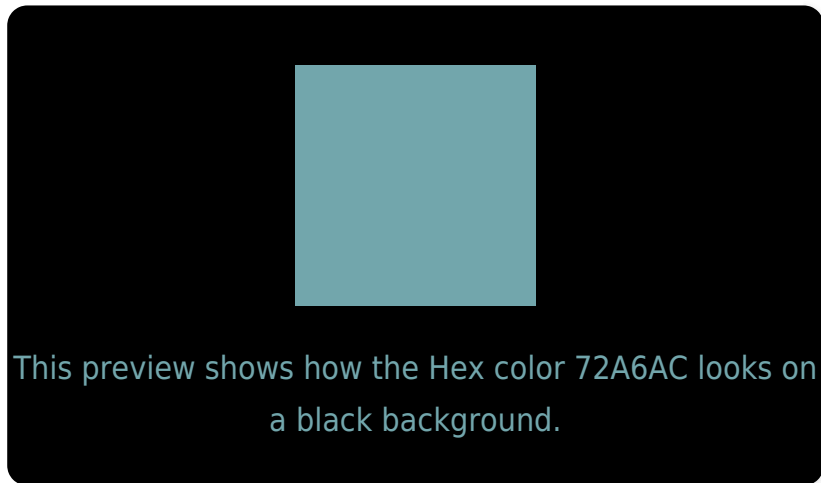
Large Text (above 18pt) WCAG AA × Fail

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

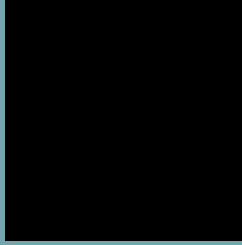
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72A6AC Background



This preview shows how black text looks on a background with the Hex color 72A6AC.

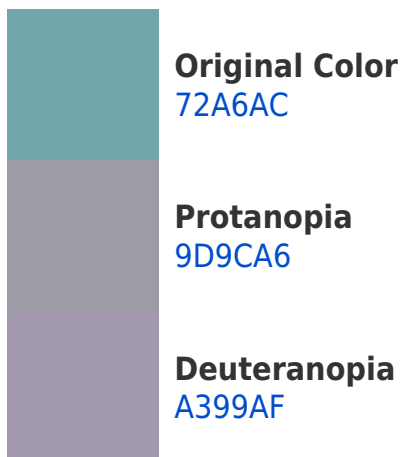


This preview shows how white text looks on a background with the Hex color 72A6AC.

# 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](#).

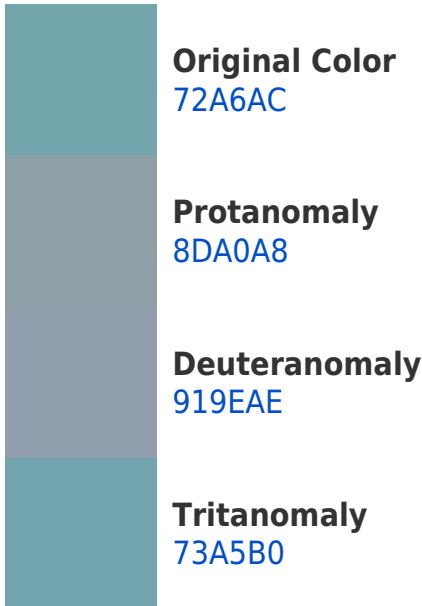
## Dichromacy



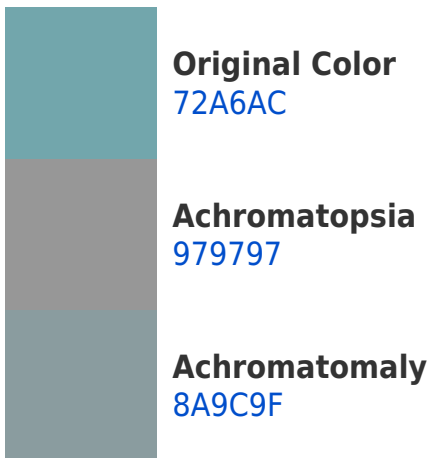


**Tritanopia**  
74A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72A6AC 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 #72A6AC looks like.

```
.text, #text, p{  
    color:#72A6AC  
}
```

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 #72A6AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72A6AC
}
```

## Border

The CSS property to change the border of an element to Hex 72A6AC 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
#72A6AC }
```

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

```
.border{ border-color:#72A6AC }
```

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

Here you see how a box with a 4 pixel #72A6AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72A6AC; -webkit-box-shadow:4px 4px  
4px 4px #72A6AC; box-shadow:4px 4px 4px  
4px #72A6AC }
```

# Background

The CSS property to change the background color of an element to Hex 72A6AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72A6AC }
```

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

```
.background{ background-color:#72A6AC }
```

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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