

# Converting Colors

Hex(72ACB2)

Have a look what the booklet for  
Hex(72ACB2) contains.

<b>Hex(72ACB2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(72ACB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72ACB2
RGB	114, 172, 178
RGB Percent	45%, 67%, 70%
CMY	0.5529, 0.3255, 0.3020
CMYK	0.36, 0.03, 0.00, 0.30
HSL	186°, 29%, 57%
HSV	186°, 36%, 70%
XYZ	29.7278, 36.2968, 47.5586
YIQ	155.3420, -36.4940, -10.4300

# Conversions

## Conversions Part 2

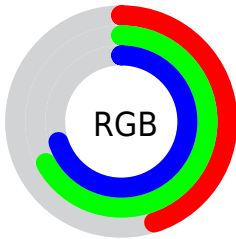
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 144, 178
Decimal	7515314
CIELab	66.75, -17.26, -9.08
CIELCh	67, 19.507, 207.745
Yxy	36.2968, 0.2617, 0.3196
Android (android.graphics.Color)	4285705394 (0xFF72ACB2)
YUV	155.3420, 11.1704, -36.2569
Hunter-Lab	60.2468, -17.3540, -4.6305

# Details

The Hex color **72ACB2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B27872**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A8E4EA**, and **3D787D** is the 20% darker color. If you saturate the color by 10%, you get **60AAB2**, and if you desaturate by 10%, it is **84AEB2**.

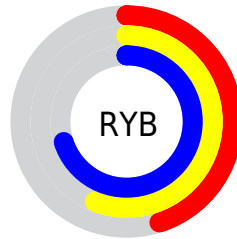
# Distribution



Red (45%)

Green (67%)

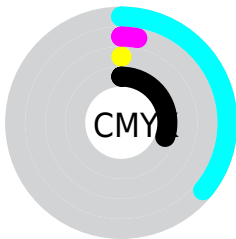
Blue (70%)



Red (45%)

Yellow (56%)

Blue (70%)

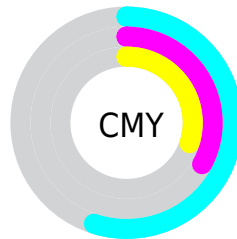


Cyan (36%)

Magenta (3%)

Yellow (0%)

Black (30%)



Cyan (55%)

Magenta (33%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72ACB2 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 72ACB2 by changing the saturation by 10% instead.



 72ACB2

 72ACB2

FFFFFF

 589197

 A8E4EA

 3D787D

 C4FFFF

 225F64

 E1FFFF

 00474D

FEFFFF

 003036

 001C21

 000008

 000000

 72ACB2

 72ACB2

60AAB2

84AEB2

4EA9B2

96AFB2

3DA7B2

A7B1B2

2BA5B2

B9B3B2

19A4B2

CBB4B2

07A2B2

DDB6B2

00A1B2

EFB8B2

FFB9B2

FFBBB2

# Harmonies

## Analogous

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



79ACA0



72ACB2



79A9BF

# Triad

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



72ACB2



B899B5



B1A180

# Complementary

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



72ACB2



B27872

# 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.



C09B85



72ACB2



C496A4

# Square

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



72ACB2



A49EC1



C79793



9EA683

# Rectangle

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



72ACB2



85A6C4



C79793



B79F80



# Sweetspot

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



72ACB2



CFE6E8



72B277



667475



F5F5F5



757575



# Same Dimension

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



72ACB2



84DFE8



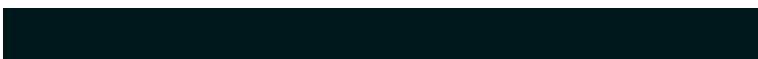
728DB2



505859



008B99



00171A



# Inverse Universe

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



B272AC



E884DF



B29772



595058



99008B

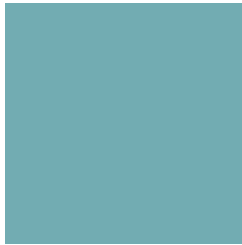


1A0017



# Previews

## White Background



This preview shows how the Hex color 72ACB2 looks on a white background.

## Color Contrast Check

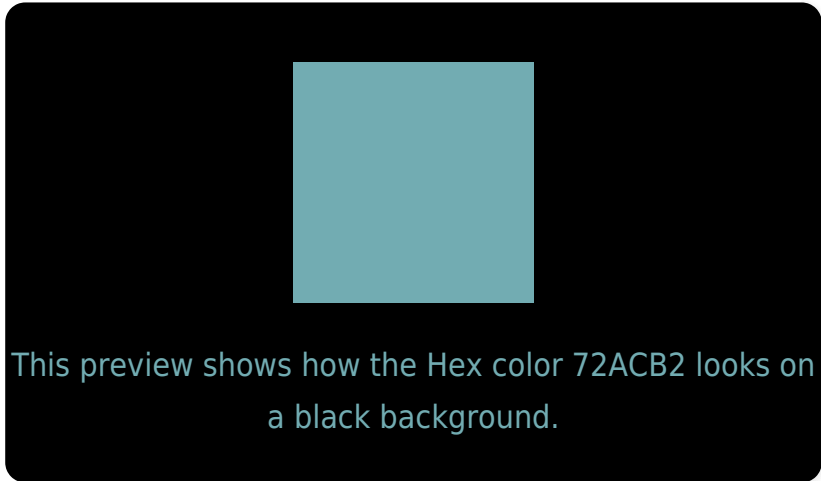
Large Text (above 18pt) WCAG AA × Fail

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

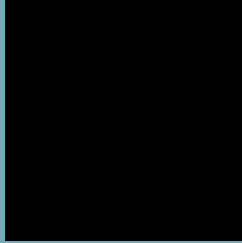
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

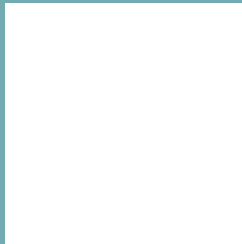
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 72ACB2 Background



This preview shows how black text looks on a background with the Hex color 72ACB2.

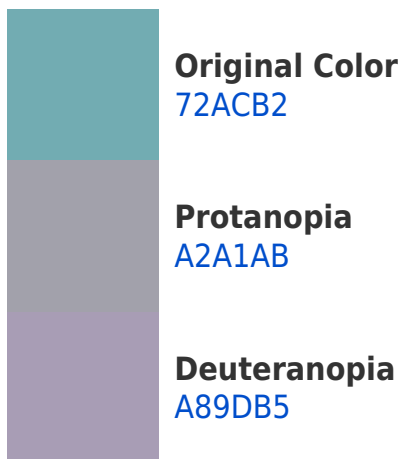


This preview shows how white text looks on a background with the Hex color 72ACB2.

# 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



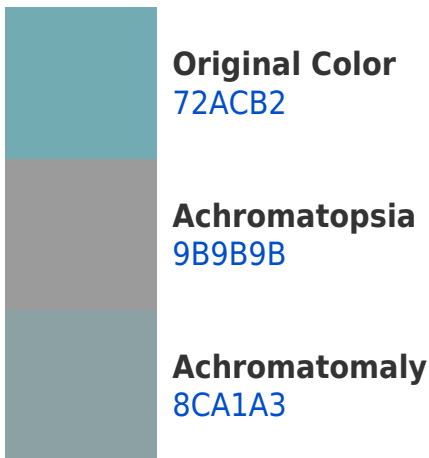


**Tritanopia**  
74ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72ACB2 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 #72ACB2 looks like.

```
.text, #text, p{  
    color:#72ACB2  
}
```

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 #72ACB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72ACB2
}
```

## Border

The CSS property to change the border of an element to Hex 72ACB2 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
#72ACB2 }
```

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

```
.border{ border-color:#72ACB2 }
```

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

Here you see how a box with a 4 pixel #72ACB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72ACB2; -webkit-box-shadow:4px 4px  
4px 4px #72ACB2; box-shadow:4px 4px 4px  
4px #72ACB2 }
```

# Background

The CSS property to change the background color of an element to Hex 72ACB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72ACB2 }
```

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

```
.background{ background-color:#72ACB2 }
```

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