

# Converting Colors

Hex(7BABC2)

Have a look what the booklet for  
Hex(7BABC2) contains.

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# **Color**

**Hex(7BABC2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BABC2
RGB	123, 171, 194
RGB Percent	48%, 67%, 76%
CMY	0.5176, 0.3294, 0.2392
CMYK	0.37, 0.12, 0.00, 0.24
HSL	199°, 37%, 62%
HSV	199°, 37%, 76%
XYZ	32.4689, 37.2318, 56.5141
YIQ	159.2700, -35.9910, -3.0230

# Conversions

## Conversions Part 2

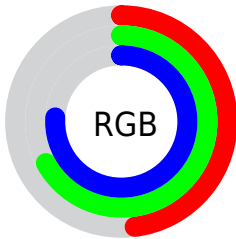
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	123, 152, 194
Decimal	8104898
CIE <sub>Lab</sub>	67.45, -10.17, -16.85
CIE <sub>LCh</sub>	67, 19.683, 238.874
Yxy	37.2318, 0.2573, 0.2950
Android (android.graphics.Color)	4286294978 (0xFF7BABC2)
YUV	159.2700, 17.1219, -31.8088
Hunter-Lab	61.0179, -11.7977, -12.2012

# Details

The Hex color **7BABC2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **C2927B**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **B2E2FB**, and **46778C** is the 20% darker color. If you saturate the color by 10%, you get **68A5C2**, and if you desaturate by 10%, it is **8EB1C2**.

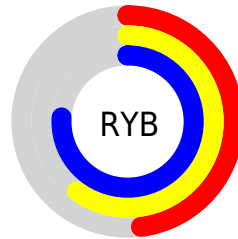
# Distribution



Red (48%)

Green (67%)

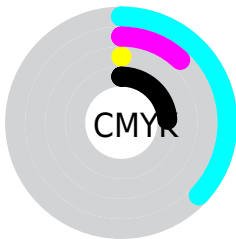
Blue (76%)



Red (48%)

Yellow (60%)

Blue (76%)

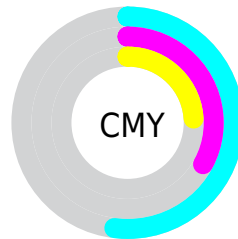


Cyan (37%)

Magenta (12%)

Yellow (0%)

Black (24%)



Cyan (52%)

Magenta (33%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BABC2 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 7BABC2 by changing the saturation by 10% instead.



 7BABC2

 7BABC2

FFFFFF

 6090A7

 B2E2FB

 46778C

 CEFFFF

 2C5E73

 EBFFFF

 0C465A

 003043

 001C2C

 000118

 000000

 7BABC2

 7BABC2

68A5C2

8EB1C2

549EC2

A2B8C2

4198C2

B5BEC2

2D92C2

C9C4C2

1A8CC2

DCCAC2

0785C2

EFD1C2

0083C2

FFD7C2

FFDDC2

FFE4C2

# Harmonies

## Analogous

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



73AEB5



7BABC2



8FA6C7

# Triad

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



7BABC2



C798A6



9FA885

# Complementary

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



7BABC2



C2927B

# 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.



B3A381



7BABC2



C99994

# Square

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



7BABC2



BB9BB7



C19D87



8BAC91

# Rectangle

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



7BABC2



9FA2C6



C19D87



A6A783

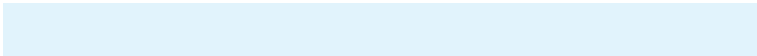


# Sweetspot

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



7BABC2



E1F3FC



7BC291



6F7A80



000000



808080

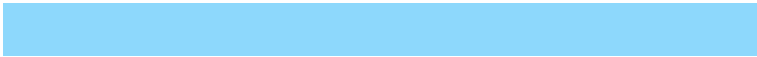


# Same Dimension

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



7BABC2



8DD8FC



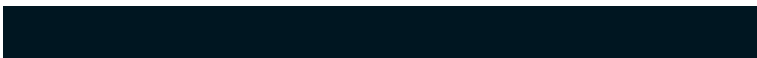
7B88C2



575E61



006DA1



001621



# Inverse Universe

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



C27BAB



FC8DD8



C2B57B



61575E



A1006D



210016



# Previews

## White Background



This preview shows how the Hex color 7BABC2 looks on a white background.

## Color Contrast Check

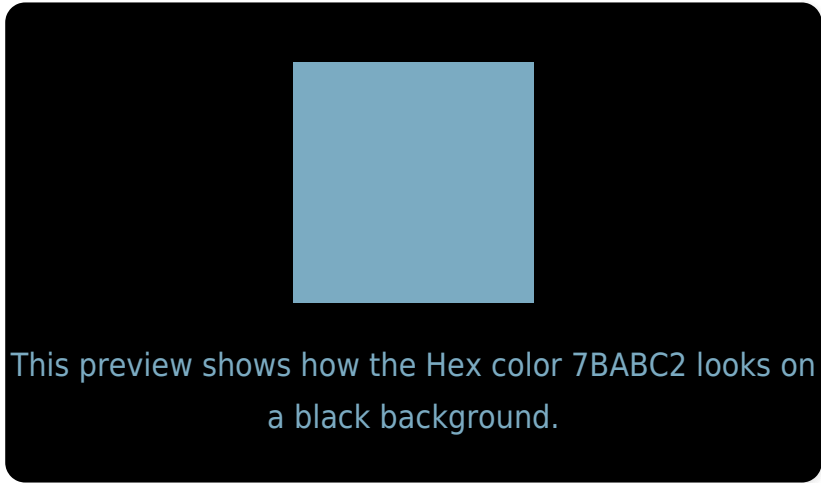
Large Text (above 18pt) WCAG AA × Fail

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

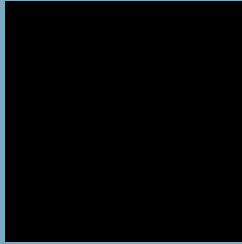
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BABC2 Background



This preview shows how black text looks on a background with the Hex color 7BABC2.



This preview shows how white text looks on a background with the Hex color 7BABC2.

# Color Blindness Simulation

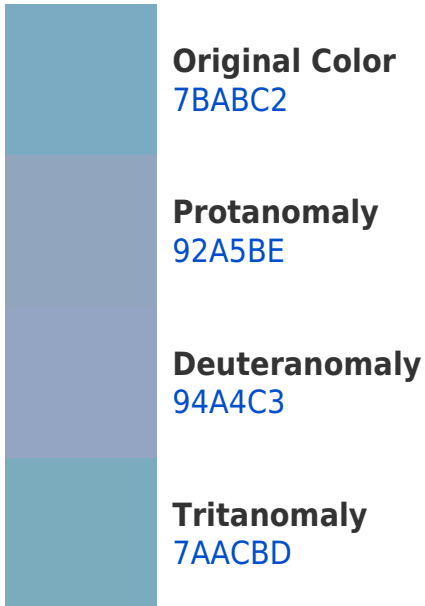
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

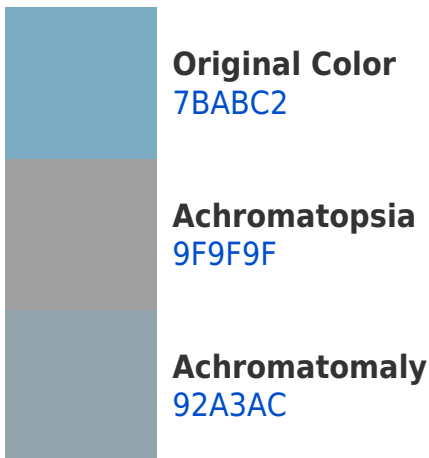




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BABC2 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 #7BABC2 looks like.

```
.text, #text, p{  
    color:#7BABC2  
}
```

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 #7BABC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BABC2  
}
```

## Border

The CSS property to change the border of an element to Hex 7BABC2 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  
#7BABC2 }
```

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

```
.border{ border-color:#7BABC2 }
```

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

Here you see how a box with a 4 pixel #7BABC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BABC2; -webkit-box-shadow:4px 4px  
4px 4px #7BABC2; box-shadow:4px 4px 4px  
4px #7BABC2 }
```

# Background

The CSS property to change the background color of an element to Hex 7BABC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BABC2 }
```

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

```
.background{ background-color:#7BABC2 }
```

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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