

# Converting Colors

Hex(7BABEA)

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

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# **Color**

**Hex(7BABEA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BABEA
RGB	123, 171, 234
RGB Percent	48%, 67%, 92%
CMY	0.5176, 0.3294, 0.0824
CMYK	0.47, 0.27, 0.00, 0.08
HSL	214°, 73%, 70%
HSV	214°, 47%, 92%
XYZ	37.5826, 39.2773, 83.4424
YIQ	163.8300, -48.8310, 9.4170

# Conversions

## Conversions Part 2

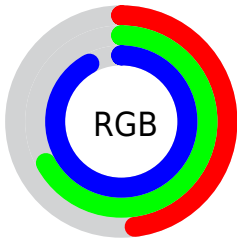
Format	Color
R <sub>Y</sub> B	123, 157, 234
Decimal	8104938
CIE Lab	68.95, 0.82, -36.55
CIE LCh	69, 36.564, 271.282
Yxy	39.2773, 0.2344, 0.2450
Android (android.graphics.Color)	4286295018 (0xFF7BABEA)
YUV	163.8300, 34.5938, -35.8079
Hunter-Lab	62.6716, -2.6333, -35.0699

# Details

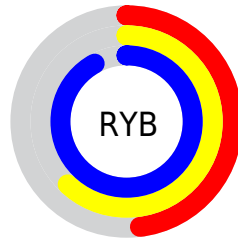
The Hex color **7BABEA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EABA7B**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **B4E2FF**, and **4177B2** is the 20% darker color. If you saturate the color by 10%, you get **649EEA**, and if you desaturate by 10%, it is **92B8EA**.

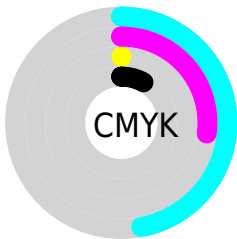
# Distribution



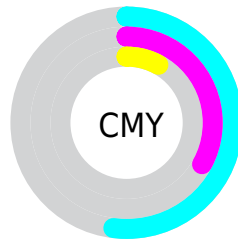
- Red (48%)
- Green (67%)
- Blue (92%)



- Red (48%)
- Yellow (62%)
- Blue (92%)



- Cyan (47%)
- Magenta (27%)
- Yellow (0%)
- Black (8%)



- Cyan (52%)
- Magenta (33%)
- Yellow (8%)

# Brightness & Saturation Gradients

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



 7BABEA

 7BABEA

FFFFFF

 5F91CE

 B4E2FF

 4177B2

 D1FFFF

 1F5F97

 EFFFFFF

 00477D

 003164

 001D4B

 000534

 00021E

 000001

 7BABEA

 7BABEA

 649EEA

 92B8EA

 4C90EA

 AAC6EA

 3583EA

 C1D3EA

 1D76EA

 D9E0EA

 0669EA

 FOEDEA

 0065EA

 FFFBEA

 FFFFEA

# Harmonies

## Analogous

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



42B4E1



7BABEA



AE9FE1

# Triad

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



7BABEA



E79288



73B787

# Complementary

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



7BABEA



EABA7B

# 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.



9AB16F



7BABEA



D89B6F

# Square

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



7BABEA



E78FA8



BDA766



46BAA9

# Rectangle

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



7BABEA



C997D2



BDA766



80B57E

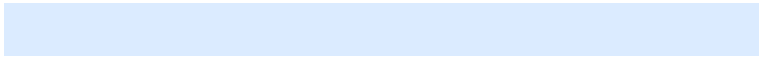


# Sweetspot

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



7BABEA



DBEBFF



7BEABA



6A7380



000000



808080

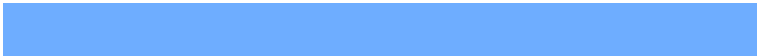


# Same Dimension

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



7BABEA



6EADFF



827BEA



6A6F75



004EB5



001736



# Inverse Universe

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



EA7BAB



FF6EAD



E3EA7B



756A6F



B5004E

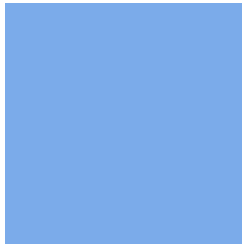


360017



# Previews

## White Background



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

## Color Contrast Check

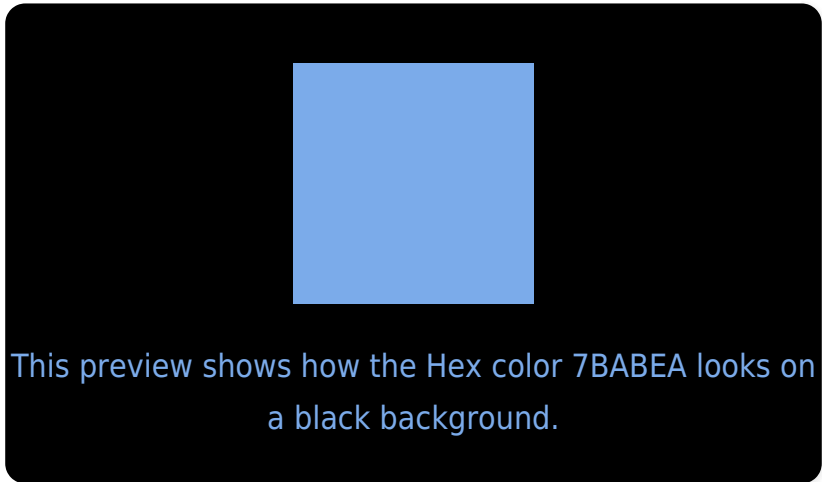
Large Text (above 18pt) WCAG AA × Fail

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

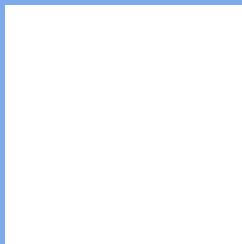
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7BABEA Background



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



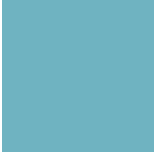
This preview shows how white text looks on a background with the Hex color 7BABEA.

# 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](#).

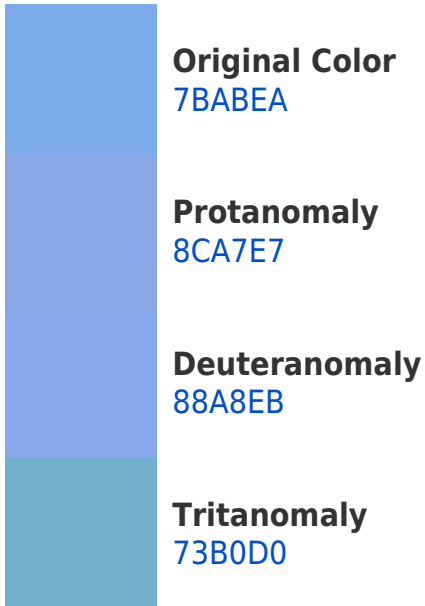
## Dichromacy



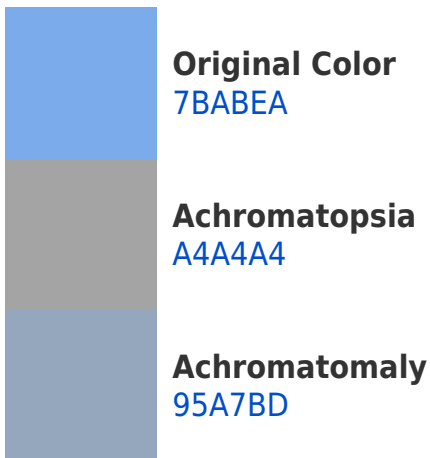


**Tritanopia**  
6FB3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #7BABEA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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