

# Converting Colors

Hex(69BABA)

Have a look what the booklet for  
Hex(69BABA) contains.

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# **Color**

**Hex(69BABA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69BABA
RGB	105, 186, 186
RGB Percent	41%, 73%, 73%
CMY	0.5882, 0.2706, 0.2706
CMYK	0.44, 0.00, 0.00, 0.27
HSL	180°, 37%, 57%
HSV	180°, 44%, 73%
XYZ	32.2475, 41.6662, 52.7971
YIQ	161.7810, -48.2760, -17.1720

# Conversions

## Conversions Part 2

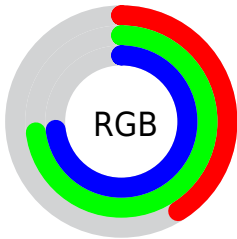
Format	Color
<a href="#">RYB</a>	<a href="#">105, 146, 186</a>
Decimal	<a href="#">6929082</a>
CIELab	<a href="#">70.64, -24.72, -7.75</a>
CIELCh	<a href="#">71, 25.904, 197.399</a>
Yxy	<a href="#">41.6662, 0.2545, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4285119162 (0xFF69BABA)</a>
YUV	<a href="#">161.7810, 11.9400, -49.7969</a>
Hunter-Lab	<a href="#">64.5494, -23.7866, -3.3107</a>

# Details

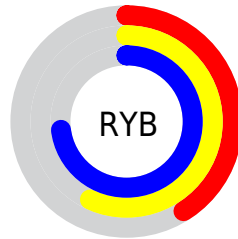
The Hex color **69BABA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BA6969**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A1F2F2**, and **308585** is the 20% darker color. If you saturate the color by 10%, you get **56BABA**, and if you desaturate by 10%, it is **7CBABA**.

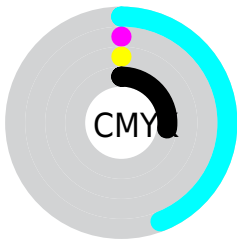
# Distribution



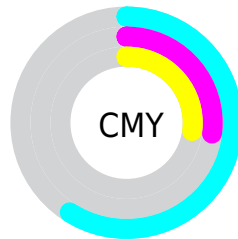
- Red (41%)
- Green (73%)
- Blue (73%)



- Red (41%)
- Yellow (57%)
- Blue (73%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (59%)
- Magenta (27%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69BABA 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 69BABA by changing the saturation by 10% instead.



 69BABA

 69BABA

FFFFFF

 4D9F9F

 A1F2F2

 308585

 BDFFFF

 066B6C


 DAFFFF

 005254

 F8FFFF

 003B3C

 002527

 000513

 000000

 69BABA

 69BABA

56BABA

7CBABA

44BABA

8EBABA

31BABA

A1BABA

1FBABA

B3BABA

0CBABA

C6BABA

00BABA

D9BABA

EBBABA

FEBABA

FFBABA

# Harmonies

## Analogous

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



7BB9A2



69BABA



6BB7CF

# Triad

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



69BABA



C1A2CD



C7A87F

# Complementary

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



69BABA



BA6969

# 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.



D7A08B



69BABA



D59DB8

# Square

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



69BABA



A3AADA



DD9CA0



B0B080

# Rectangle

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



69BABA



79B4D8



DD9CA0



CEA582



# Sweetspot

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



69BABA



D3F2F2



69BA69



677A7A



FAFAFA



7A7A7A



# Same Dimension

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



69BABA



74F2F2



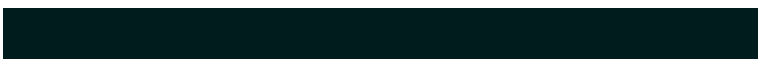
6992BA



535C5C



009C9C



001C1C



# Inverse Universe

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



BA69BA



F274F2



BA9269



5C535C



9C009C

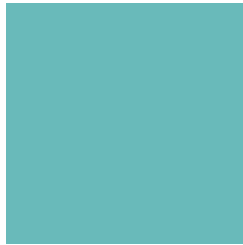


1C001C



# Previews

## White Background



This preview shows how the Hex color 69BABA looks on a white background.

## Color Contrast Check

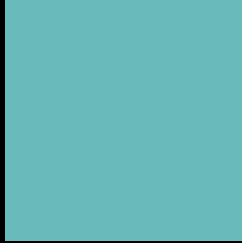
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 69BABA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

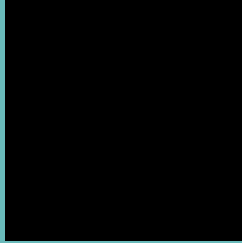
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

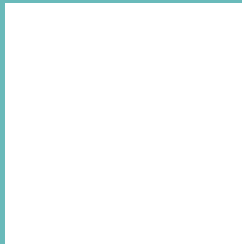
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 69BABA Background



This preview shows how black text looks on a background with the Hex color 69BABA.

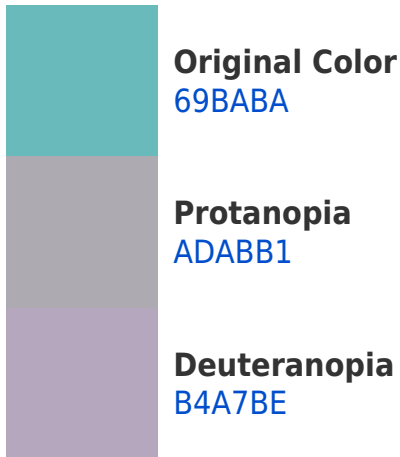


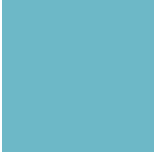
This preview shows how white text looks on a background with the Hex color 69BABA.

# 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](#).

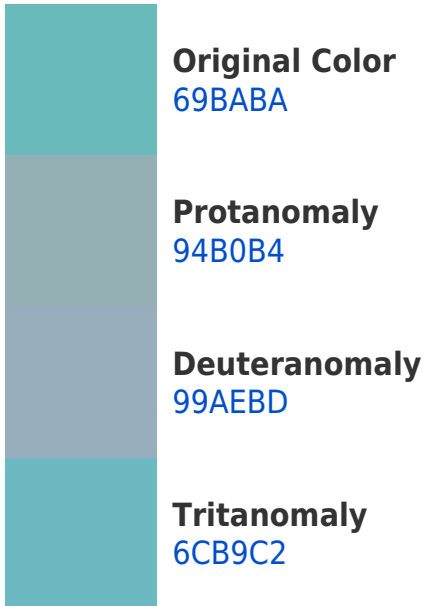
## Dichromacy



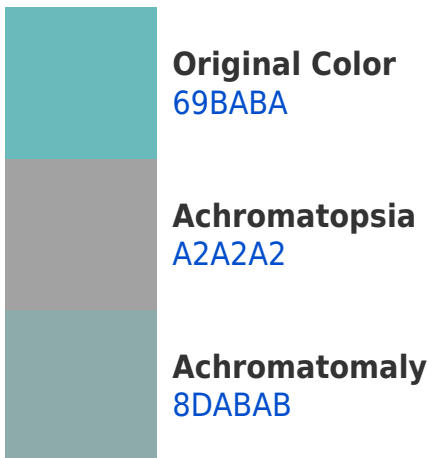


**Tritanopia**  
6DB8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69BABA 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 #69BABA looks like.

```
.text, #text, p{  
    color:#69BABA  
}
```

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 #69BABA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69BABA
}
```

## Border

The CSS property to change the border of an element to Hex 69BABA 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
#69BABA }
```

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

```
.border{ border-color:#69BABA }
```

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

Here you see how a box with a 4 pixel #69BABA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69BABA; -webkit-box-shadow:4px 4px  
4px 4px #69BABA; box-shadow:4px 4px 4px  
4px #69BABA }
```

# Background

The CSS property to change the background color of an element to Hex 69BABA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69BABA }
```

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

```
.background{ background-color:#69BABA }
```

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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