

# Converting Colors

Hex(6998BA)

Have a look what the booklet for  
Hex(6998BA) contains.

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# Color

**Hex(6998BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6998BA
RGB	105, 152, 186
RGB Percent	41%, 60%, 73%
CMY	0.5882, 0.4039, 0.2706
CMYK	0.44, 0.18, 0.00, 0.27
HSL	205°, 37%, 57%
HSV	205°, 44%, 73%
XYZ	25.9169, 29.0049, 50.6869
YIQ	141.8230, -38.9260, 0.6100

# Conversions

## Conversions Part 2

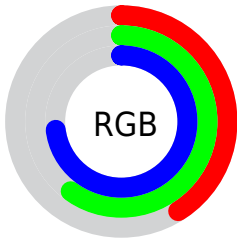
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 135, 186
Decimal	6920378
CIE <sub>Lab</sub>	60.79, -6.75, -22.61
CIE <sub>LCh</sub>	61, 23.599, 253.391
Yxy	29.0049, 0.2454, 0.2746
Android (android.graphics.Color)	4285110458 (0xFF6998BA)
YUV	141.8230, 21.7793, -32.2938
Hunter-Lab	53.8562, -8.3500, -18.1016

# Details

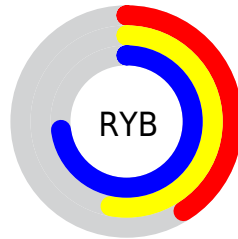
The Hex color **6998BA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BA8B69**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **9FCEF2**, and **336585** is the 20% darker color. If you saturate the color by 10%, you get **5690BA**, and if you desaturate by 10%, it is **7CA0BA**.

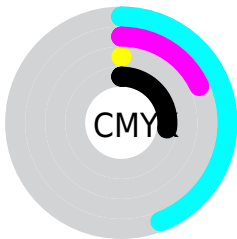
# Distribution



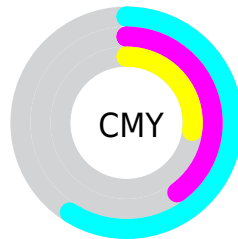
- Red (41%)
- Green (60%)
- Blue (73%)



- Red (41%)
- Yellow (53%)
- Blue (73%)



- Cyan (44%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)



- Cyan (59%)
- Magenta (40%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6998BA 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 6998BA by changing the saturation by 10% instead.



■ 6998BA

■ 6998BA

FFFFFF

■ 4E7E9F

■ 9FCEF2

■ 336585

■ BCEAFF

■ 144D6B

■ D8FFFF

■ 003753

■ F5FFFF

■ 00213C

■ 000826

■ 00010F

■ 000000

■ 6998BA

■ 6998BA

■ 5690BA

■ 7CA0BA

■ 4488BA

■ 8EA8BA

■ 3181BA

■ A1AFBA

■ 1F79BA

■ B3B7BA

■ 0C71BA

■ C6BFBA

■ 006CBA

■ D9C7BA

■ EBCFBA

■ FED6BA

■ FFDEBA

# Harmonies

## Analogous

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



569DAF



6998BA



8691BB

# Triad

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



6998BA



BD848A



819A74

# Complementary

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



6998BA



BA8B69

# 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.



98946A



6998BA



B98777

# Square

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



6998BA



B5859F



AC8D6B



699D86

# Rectangle

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



6998BA



998CB5



AC8D6B



89986F



# Sweetspot

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



6998BA



D3E5F2



69BA8B



67727A



FAFAFA



7A7A7A



# Same Dimension

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



6998BA



74BDF2



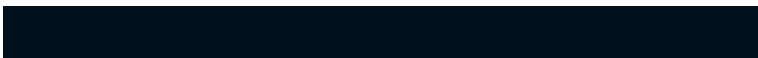
6970BA



53585C



005A9C



00101C



# Inverse Universe

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



BA6998



F274BD



BAB369



5C5358



9C005A



1C0010



# Previews

## White Background



This preview shows how the Hex color 6998BA looks on a white background.

## Color Contrast Check

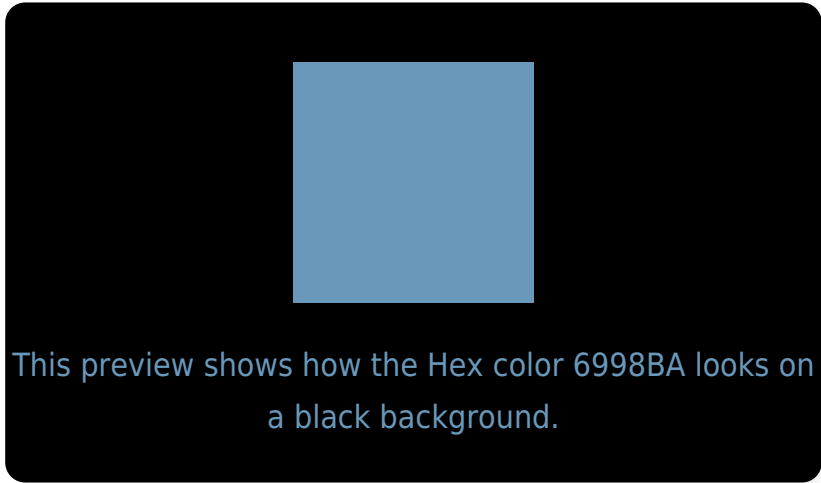
Large Text (above 18pt) WCAG AA ✓ Pass

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

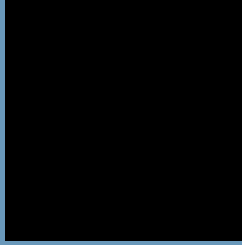
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

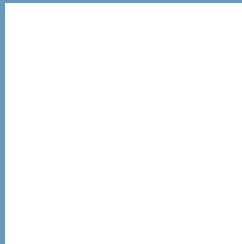
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6998BA Background



This preview shows how black text looks on a background with the Hex color 6998BA.

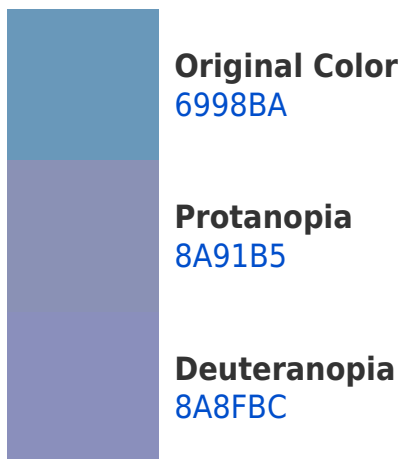


This preview shows how white text looks on a background with the Hex color 6998BA.

# 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](#).

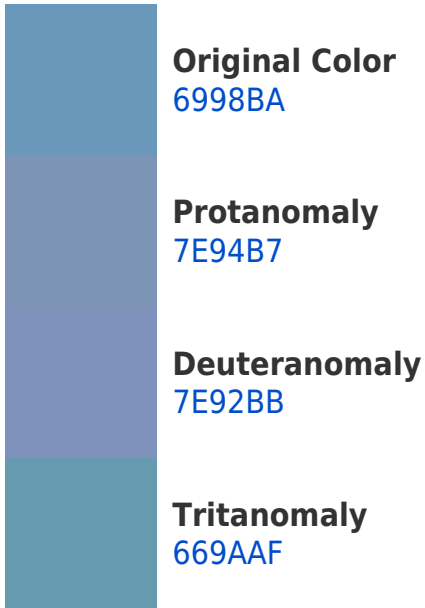
## Dichromacy





**Tritanopia**  
649BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6998BA 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 #6998BA looks like.

```
.text, #text, p{  
    color:#6998BA  
}
```

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 #6998BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6998BA
}
```

## Border

The CSS property to change the border of an element to Hex 6998BA 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
#6998BA }
```

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

```
.border{ border-color:#6998BA }
```

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

Here you see how a box with a 4 pixel #6998BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6998BA; -webkit-box-shadow:4px 4px  
4px 4px #6998BA; box-shadow:4px 4px 4px  
4px #6998BA }
```

# Background

The CSS property to change the background color of an element to Hex 6998BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6998BA }
```

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

```
.background{ background-color:#6998BA }
```

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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