

# Converting Colors

Hex(7993B8)

Have a look what the booklet for  
Hex(7993B8) contains.

<b>Hex(7993B8)</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(7993B8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7993B8
RGB	121, 147, 184
RGB Percent	47%, 58%, 72%
CMY	0.5255, 0.4235, 0.2784
CMYK	0.34, 0.20, 0.00, 0.28
HSL	215°, 31%, 60%
HSV	215°, 34%, 72%
XYZ	26.9706, 28.3931, 49.4063
YIQ	143.4440, -27.3730, 5.9950

# Conversions

## Conversions Part 2

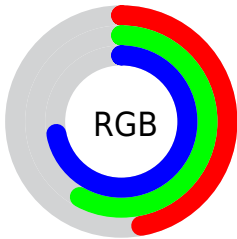
Format	Color
R <sub>Y</sub> B	121, 139, 184
Decimal	7967672
CIE Lab	60.24, -0.07, -22.24
CIE LCh	60, 22.235, 269.831
Yxy	28.3931, 0.2574, 0.2710
Android (android.graphics.Color)	4286157752 (0xFF7993B8)
YUV	143.4440, 19.9941, -19.6834
Hunter-Lab	53.2852, -2.9002, -17.6744

# Details

The Hex color **7993B8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **B89E79**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **AFC9F0**, and **466183** is the 20% darker color. If you saturate the color by 10%, you get **6788B8**, and if you desaturate by 10%, it is **8B9EB8**.

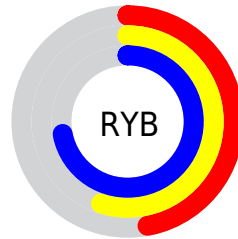
# Distribution



Red (47%)

Green (58%)

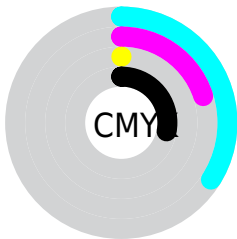
Blue (72%)



Red (47%)

Yellow (55%)

Blue (72%)

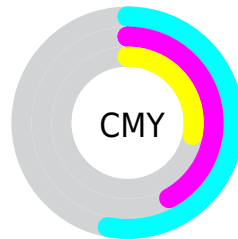


Cyan (34%)

Magenta (20%)

Yellow (0%)

Black (28%)



Cyan (53%)

Magenta (42%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7993B8 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 7993B8 by changing the saturation by 10% instead.



 7993B8

 7993B8

FFFFFF

 5F799D


 AFC9F0

 466183

 CBE5FF

 2C496A

 E7FFFF

 113351

 001E3A

 000325

 00010D

 000000

 7993B8

 7993B8

6788B8

8B9EB8

547DB8

9EA9B8

4273B8

B0B3B8

2F68B8

C3BEB8

1D5DB8

D5C9B8

0B52B8

E7D4B8

004CB8

FADFB8

FFE9B8

FFF4B8

# Harmonies

## Analogous

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



6198B2



7993B8



948CB3

# Triad

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



7993B8



B9847F



749A7D

# Complementary

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



7993B8



B89E79

# 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.



8B966F



7993B8



B08970

# Square

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



7993B8



B78392



A0906A



619C90

# Rectangle

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



7993B8



A488AB



A0906A



7C9977



# Sweetspot

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



7993B8



D8E2F0



79B89E



696F78



F7F7F7



787878



# Same Dimension

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



7993B8



8DB6F0



7E79B8



53565C



00409C



000C1C



# Inverse Universe

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



B87993



F08DB6



B3B879



5C5356



9C0040

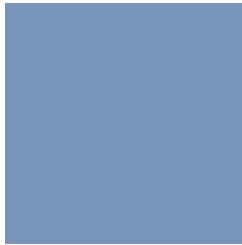


1C000C



# Previews

## White Background



This preview shows how the Hex color 7993B8 looks on a white background.

## Color Contrast Check

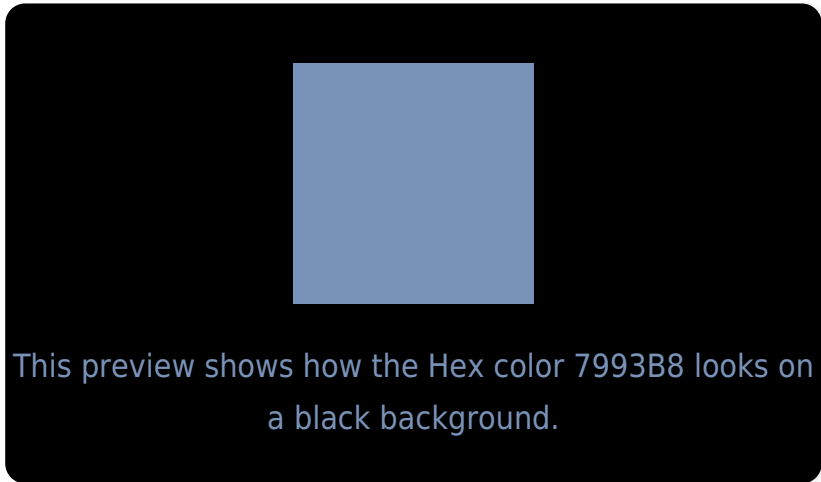
Large Text (above 18pt) WCAG AA ✓ Pass

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

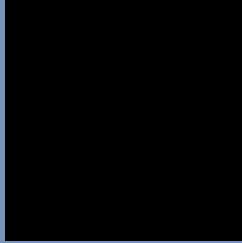
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7993B8 Background



This preview shows how black text looks on a background with the Hex color 7993B8.



This preview shows how white text looks on a background with the Hex color 7993B8.

# 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](#).

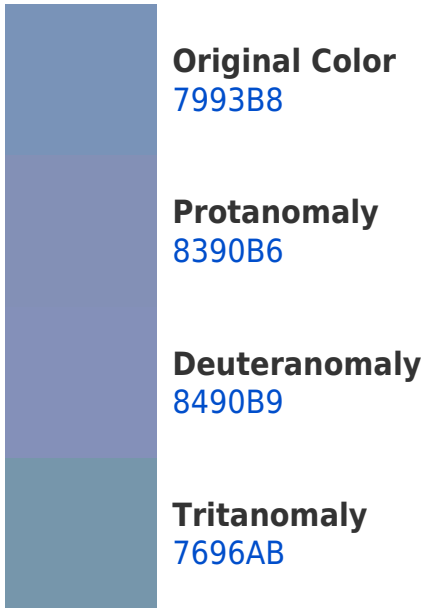
## Dichromacy





**Tritanopia**  
7497A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7993B8 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 #7993B8 looks like.

```
.text, #text, p{  
    color:#7993B8  
}
```

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 #7993B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7993B8
}
```

## Border

The CSS property to change the border of an element to Hex 7993B8 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
#7993B8 }
```

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

```
.border{ border-color:#7993B8 }
```

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

Here you see how a box with a 4 pixel #7993B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7993B8; -webkit-box-shadow:4px 4px  
4px 4px #7993B8; box-shadow:4px 4px 4px  
4px #7993B8 }
```

# Background

The CSS property to change the background color of an element to Hex 7993B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7993B8 }
```

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

```
.background{ background-color:#7993B8 }
```

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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