

# Converting Colors

Hex(7994B4)

Have a look what the booklet for  
Hex(7994B4) contains.

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# **Color**

**Hex(7994B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7994B4
RGB	121, 148, 180
RGB Percent	47%, 58%, 71%
CMY	0.5255, 0.4196, 0.2941
CMYK	0.33, 0.18, 0.00, 0.29
HSL	213°, 28%, 59%
HSV	213°, 33%, 71%
XYZ	26.7133, 28.5400, 47.2809
YIQ	143.5750, -26.3640, 4.2280

# Conversions

## Conversions Part 2

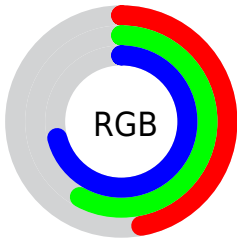
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 140, 180
Decimal	7967924
CIE <sub>Lab</sub>	60.37, -1.68, -19.77
CIE <sub>LCh</sub>	60, 19.844, 265.144
Yxy	28.5400, 0.2605, 0.2783
Android (android.graphics.Color)	4286158004 (0xFF7994B4)
YUV	143.5750, 17.9575, -19.7983
Hunter-Lab	53.4229, -4.2339, -15.0774

# Details

The Hex color **7994B4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **B49979**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **AFCAEC**, and **46617F** is the 20% darker color. If you saturate the color by 10%, you get **678AB4**, and if you desaturate by 10%, it is **8B9EB4**.

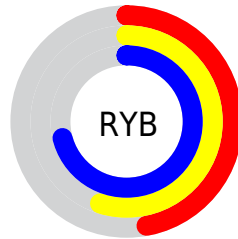
# Distribution



Red (47%)

Green (58%)

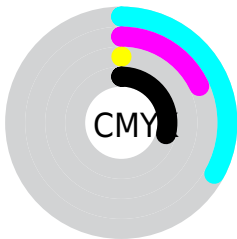
Blue (71%)



Red (47%)

Yellow (55%)

Blue (71%)

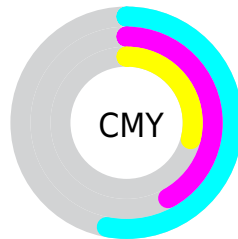


Cyan (33%)

Magenta (18%)

Yellow (0%)

Black (29%)



Cyan (53%)

Magenta (42%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7994B4 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 7994B4 by changing the saturation by 10% instead.





7994B4



7994B4

FFFFFF



5F7A99



AFCAEC



46617F



CBE6FF



2D4A66



E7FFFF



13334E



001E37



000522



000008



000000



7994B4



7994B4

678AB4

8B9EB4

5580B4

9DA8B4

4377B4

AFB1B4

316DB4

C1BBB4

1F63B4

D3C5B4

0D59B4

E5CFB4

0052B4

F7D8B4

FFE2B4

FFECB4

# Harmonies

## Analogous

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



6699AE



7994B4



918EB1

# Triad

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



7994B4



B68683



7B997D

# Complementary

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



7994B4



B49979

# 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.



8F9572



7994B4



AF8A76

# Square

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



7994B4



B28595



A18F6F



699B8E

# Rectangle

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



7994B4



9F8AAA



A18F6F



829878



# Sweetspot

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



7994B4



D3DEEB



79B498



676E75



F5F5F5



757575



# Same Dimension

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



7994B4



8FB9EB



7B79B4



505459



004699



000C1A



# Inverse Universe

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



B47994



EB8FB9



B2B479



595054



990046

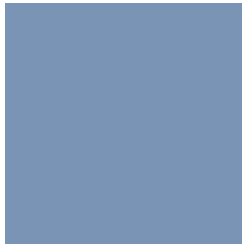


1A000C



# Previews

## White Background



This preview shows how the Hex color 7994B4 looks on a white background.

## Color Contrast Check

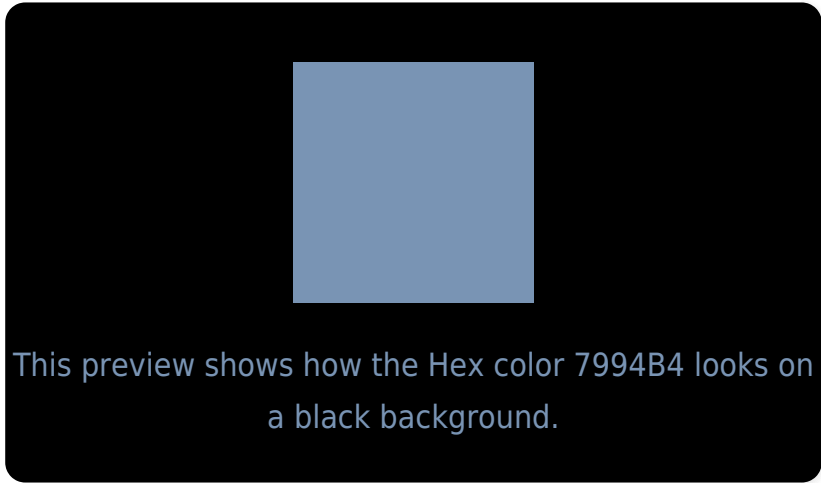
Large Text (above 18pt) WCAG AA ✓ Pass

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

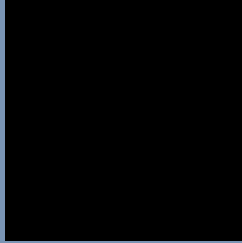
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

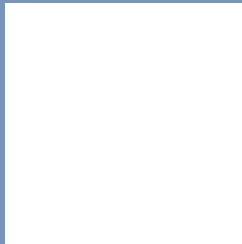
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7994B4 Background



This preview shows how black text looks on a background with the Hex color 7994B4.

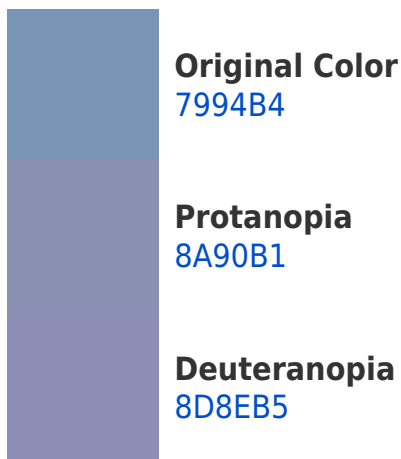


This preview shows how white text looks on a background with the Hex color 7994B4.

# 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](#).

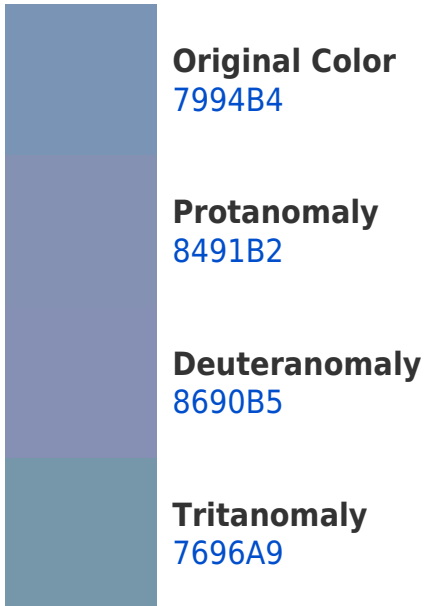
## Dichromacy



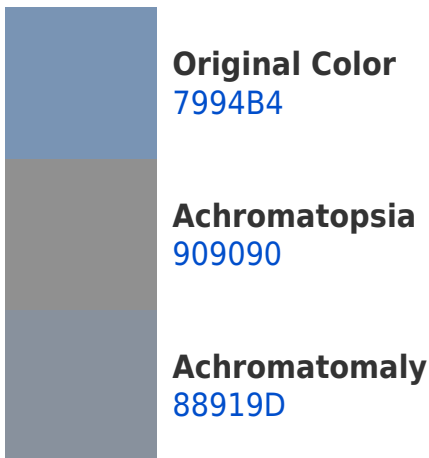


**Tritanopia**  
7597A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7994B4 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 #7994B4 looks like.

```
.text, #text, p{  
    color:#7994B4  
}
```

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 #7994B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7994B4
}
```

## Border

The CSS property to change the border of an element to Hex 7994B4 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
#7994B4 }
```

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

```
.border{ border-color:#7994B4 }
```

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

Here you see how a box with a 4 pixel #7994B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7994B4; -webkit-box-shadow:4px 4px  
4px 4px #7994B4; box-shadow:4px 4px 4px  
4px #7994B4 }
```

# Background

The CSS property to change the background color of an element to Hex 7994B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7994B4 }
```

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

```
.background{ background-color:#7994B4 }
```

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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