

Converting Colors

Hex(7784B9)

Have a look what the booklet for
Hex(7784B9) contains.

Hex(7784B9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7784B9)

Conversions

Conversions Part 1

Format	Color
Hex	7784B9
RGB	119, 132, 185
RGB Percent	47%, 52%, 73%
CMY	0.5333, 0.4824, 0.2745
CMYK	0.36, 0.29, 0.00, 0.27
HSL	228°, 32%, 60%
HSV	228°, 36%, 73%
XYZ	24.6160, 23.9272, 49.2200
YIQ	134.1550, -24.7610, 13.7270

Conversions

Conversions Part 2

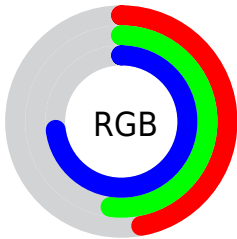
Format	Color
R_{YB}	119, 130, 185
Decimal	7832761
CIE Lab	56.01, 8.30, -29.33
CIE LCh	56, 30.482, 285.803
Yxy	23.9272, 0.2518, 0.2447
Android (android.graphics.Color)	4286022841 (0xFF7784B9)
YUV	134.1550, 25.0666, -13.2909
Hunter-Lab	48.9155, 4.2253, -25.4182

Details

The Hex color **7784B9** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **B9AC77**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **ADB9F1**, and **435384** is the 20% darker color. If you saturate the color by 10%, you get **6575B9**, and if you desaturate by 10%, it is **8A93B9**.

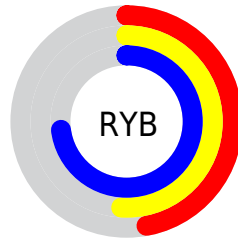
Distribution



Red (47%)

Green (52%)

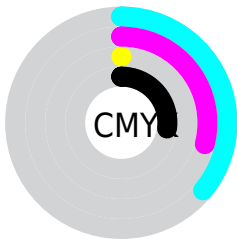
Blue (73%)



Red (47%)

Yellow (51%)

Blue (73%)

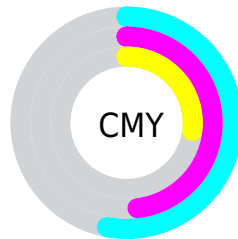


Cyan (36%)

Magenta (29%)

Yellow (0%)

Black (27%)



Cyan (53%)

Magenta (48%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7784B9 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 7784B9 by changing the saturation by 10% instead.

■ 7784B9

■ 7784B9

FFFFFF

■ 5D6B9E

■ ADB9F1

■ 435384

■ C9D5FF

■ 2A3C6A

■ E6F1FF

■ 0D2652

■ 00123A

■ 000224

■ 00000D

■ 000000

■ 7784B9

■ 7784B9

■ 6575B9

■ 8A93B9

■ 5266B9

■ 9CA2B9

■ 3F57B9

■ AFB1B9

■ 2D49B9

■ C1BFB9

■ 1A3AB9

■ D4CEB9

■ 082BB9

■ E6DDB9

■ 0024B9

■ F9ECB9

■ FFFBB9

■ FFFFB9

Harmonies

Analogous

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



4B8DB9



7784B9



9B7AAB

Triad

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



7784B9



B47761



4B9478

Complementary

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



7784B9



B9AC77

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.



6C9060



7784B9



A38053

Square

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



7784B9



BA7279



8A8953



289594

Rectangle

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



7784B9



AC759C



8A8953



569370

Sweetspot

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



7784B9



D5DBF0



77B9AC



686B78



F7F7F7



787878

Same Dimension

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



7784B9



899DF0



8B77B9



53545C



001F9C



00061C

Inverse Universe

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



B97784



F0899D



A5B977



5C5354



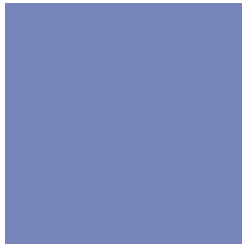
9C001F



1C0006

Previews

White Background



This preview shows how the Hex color 7784B9 looks on a white background.

Color Contrast Check

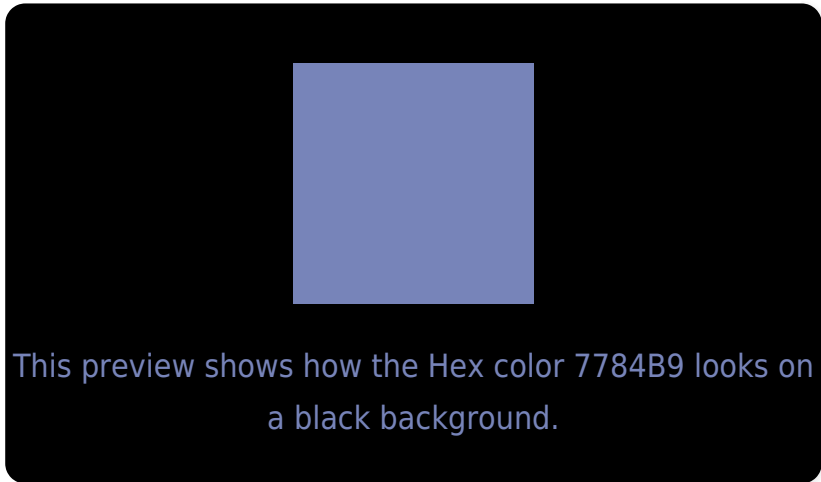
Large Text (above 18pt) WCAG AA ✓ Pass

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

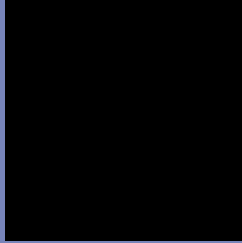
Any Text WCAG AA ✓ Pass

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 7784B9 Background



This preview shows how black text looks on a background with the Hex color 7784B9.



This preview shows how white text looks on a background with the Hex color 7784B9.

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



Original Color

7784B9

Protanopia

7684B9

Deuteranopia

7684B9



Tritanopia
6F8B96

Trichromacy



Original Color
7784B9

Protanomaly
7684B9

Deuteranomaly
7684B9

Tritanomaly
7288A3

Monochromacy



Original Color
7784B9

Achromatopsia
868686

Achromatomaly
818599

CSS Examples

Text

The CSS property to change the color of the text to Hex 7784B9 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 #7784B9 looks like.

```
.text, #text, p{  
    color:#7784B9  
}
```

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 #7784B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7784B9
}
```

Border

The CSS property to change the border of an element to Hex 7784B9 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
#7784B9 }
```

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

```
.border{ border-color:#7784B9 }
```

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

Here you see how a box with a 4 pixel #7784B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7784B9; -webkit-box-shadow:4px 4px  
4px 4px #7784B9; box-shadow:4px 4px 4px  
4px #7784B9 }
```

Background

The CSS property to change the background color of an element to Hex 7784B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7784B9 }
```

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

```
.background{ background-color:#7784B9 }
```

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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