

Converting Colors

Hex(7B84A4)

Have a look what the booklet for
Hex(7B84A4) contains.

Hex(7B84A4)	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(7B84A4)

Conversions

Conversions Part 1

Format	Color
Hex	7B84A4
RGB	123, 132, 164
RGB Percent	48%, 52%, 64%
CMY	0.5176, 0.4824, 0.3569
CMYK	0.25, 0.20, 0.00, 0.36
HSL	227°, 18%, 56%
HSV	227°, 25%, 64%
XYZ	23.1205, 23.3938, 38.4188
YIQ	132.9570, -15.6360, 8.0440

Conversions

Conversions Part 2

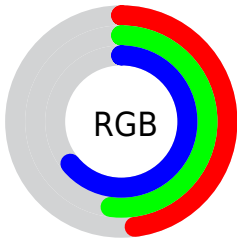
Format	Color
R_{YB}	123, 130, 164
Decimal	8094884
CIE _{Lab}	55.48, 4.04, -18.09
CIE _{LCh}	55, 18.538, 282.575
Yxy	23.3938, 0.2722, 0.2754
Android (android.graphics.Color)	4286284964 (0xFF7B84A4)
YUV	132.9570, 15.3042, -8.7323
Hunter-Lab	48.3672, 0.6841, -13.2380

Details

The Hex color **7B84A4** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A49B7B**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B0B9DB**, and **495370** is the 20% darker color. If you saturate the color by 10%, you get **6B77A4**, and if you desaturate by 10%, it is **8B91A4**.

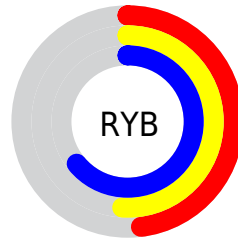
Distribution



Red (48%)

Green (52%)

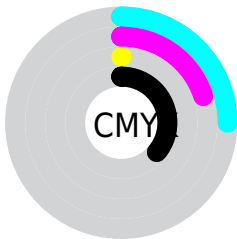
Blue (64%)



Red (48%)

Yellow (51%)

Blue (64%)

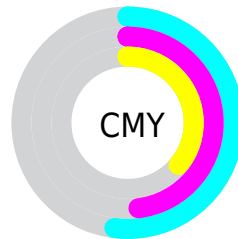


Cyan (25%)

Magenta (20%)

Yellow (0%)

Black (36%)



Cyan (52%)

Magenta (48%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B84A4 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 7B84A4 by changing the saturation by 10% instead.

■ 7B84A4

■ 7B84A4

FFFFFF

■ 626B8A

■ B0B9DB

■ 495370

■ CCD5F8

■ 323C58

■ E8F1FF

■ 1B2640

■ 04112A

■ 000115

■ 000000

■ 7B84A4

■ 7B84A4

■ 6B77A4

■ 8B91A4

■ 5A6AA4

■ 9C9EA4

■ 4A5EA4

■ ACAAA4

■ 3951A4

■ BDB7A4

■ 2944A4

■ CDC4A4

■ 1937A4

■ DDD1A4

■ 082AA4

■ EEDEA4

■ 0024A4

■ FEEAA4

■ FFF7A4

Harmonies

Analogous

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



6689A3



7B84A4



907F9D

Triad

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



7B84A4



A47C70



668D7B

Complementary

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



7B84A4



A49B7B

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.



788A6D



7B84A4



998167

Square

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



7B84A4



A6797F



8A8665



5A8E8B

Rectangle

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



7B84A4



9B7C94



8A8665



6C8D76

Sweetspot

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



7B84A4



C5C9D6



7BA49A



60636B



EBEBEB



6B6B6B

Same Dimension

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



7B84A4



96A4D6



867BA4



494B52



002091



000412

Inverse Universe

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



A47B84



D696A4



99A47B



52494B



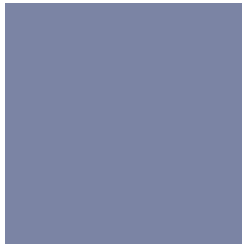
910020



120004

Previews

White Background



This preview shows how the Hex color 7B84A4 looks on a white background.

Color Contrast Check

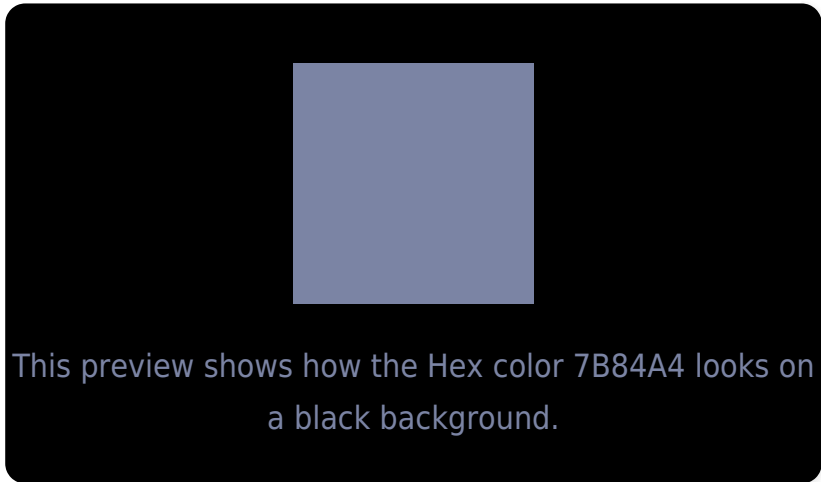
Large Text (above 18pt) WCAG AA ✓ Pass

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

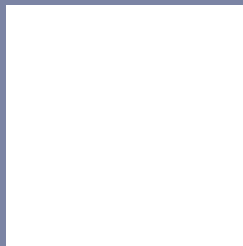
Any Text WCAG AAA × Fail

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

Hex 7B84A4 Background



This preview shows how black text looks on a background with the Hex color 7B84A4.

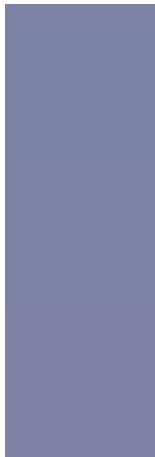


This preview shows how white text looks on a background with the Hex color 7B84A4.

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
7B84A4

Protanopia
7D83A4

Deuteranopia
8182A4



Tritanopia
778792

Trichromacy



Original Color

7B84A4

Protanomaly

7C83A4

Deuteranomaly

7F83A4

Tritanomaly

788699

Monochromacy



Original Color

7B84A4

Achromatopsia

858585

Achromatomaly

818590

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B84A4 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 #7B84A4 looks like.

```
.text, #text, p{  
    color:#7B84A4  
}
```

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 #7B84A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B84A4
}
```

Border

The CSS property to change the border of an element to Hex 7B84A4 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
#7B84A4 }
```

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

```
.border{ border-color:#7B84A4 }
```

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

Here you see how a box with a 4 pixel #7B84A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B84A4; -webkit-box-shadow:4px 4px  
4px 4px #7B84A4; box-shadow:4px 4px 4px  
4px #7B84A4 }
```

Background

The CSS property to change the background color of an element to Hex 7B84A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B84A4 }
```

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

```
.background{ background-color:#7B84A4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor