

Converting Colors

Hex(7851A4)

Have a look what the booklet for
Hex(7851A4) contains.

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Color

Hex(7851A4)

Conversions

Conversions Part 1

Format	Color
Hex	7851A4
RGB	120, 81, 164
RGB Percent	47%, 32%, 64%
CMY	0.5294, 0.6824, 0.3569
CMYK	0.27, 0.51, 0.00, 0.36
HSL	268°, 34%, 48%
HSV	268°, 51%, 64%
XYZ	17.3890, 12.5583, 36.6294
YIQ	102.1230, -3.3990, 34.0810

Conversions

Conversions Part 2

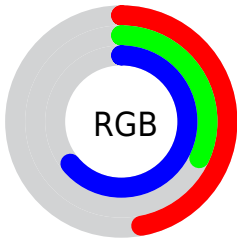
Format	Color
RYB	120, 81, 164
Decimal	7885220
CIELab	42.09, 33.46, -38.94
CIELCh	42, 51.341, 310.668
Yxy	12.5583, 0.2612, 0.1886
Android (android.graphics.Color)	4286075300 (0xFF7851A4)
YUV	102.1230, 30.5054, 15.6781
Hunter-Lab	35.4376, 25.5728, -36.4776

Details

The Hex color **7851A4** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7DA451**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **AE83DB**, and **442270** is the 20% darker color. If you saturate the color by 10%, you get **6F41A4**, and if you desaturate by 10%, it is **8161A4**.

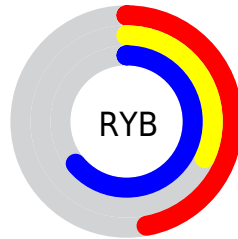
Distribution



Red (47%)

Green (32%)

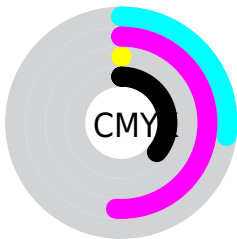
Blue (64%)



Red (47%)

Yellow (32%)

Blue (64%)

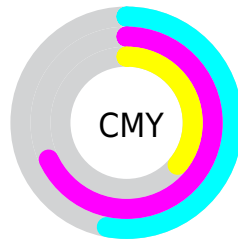


Cyan (27%)

Magenta (51%)

Yellow (0%)

Black (36%)



Cyan (53%)

Magenta (68%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7851A4 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 7851A4 by changing the saturation by 10% instead.

7851A4

7851A4

FFFFFF

5E3989

AE83DB

442270

CA9EF8

2B0B57

E7B9FF

14003F

FFD5FF

000328

FFF1FF

000112

000000

7851A4

7851A4

6F41A4

8161A4

6730A4

8972A4

5E20A4

9282A4

550FA4

9B93A4

4D00A4

A3A3A4

ACB3A4

B5C4A4

BED4A4

C6E5A4

Harmonies

Analogous

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



1563B7



7851A4



A13E80

Triad

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



7851A4



8E5708



007772

Complementary

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



7851A4



7DA451

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.



007546



7851A4



6A6600

Square

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



7851A4



A6452E



3A701C



00759A

Rectangle

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



7851A4



AD3764



3A701C



007763

Sweetspot

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



7851A4



C5B6D6



517DA4



61586B



EBEBEB



6B6B6B

Same Dimension

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



7851A4



9154D6



A151A4



4D4952



440091



080012

Inverse Universe

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



A4517D



D65499



54A451



52494E



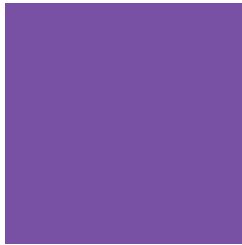
91004D



120009

Previews

White Background



This preview shows how the Hex color 7851A4 looks on a white background.

Color Contrast Check

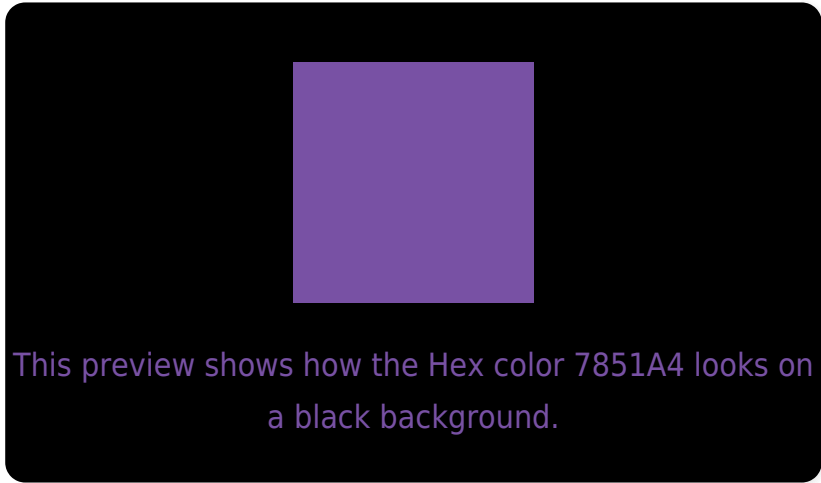
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

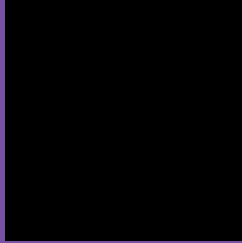
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 7851A4 Background



This preview shows how black text looks on a background with the Hex color 7851A4.

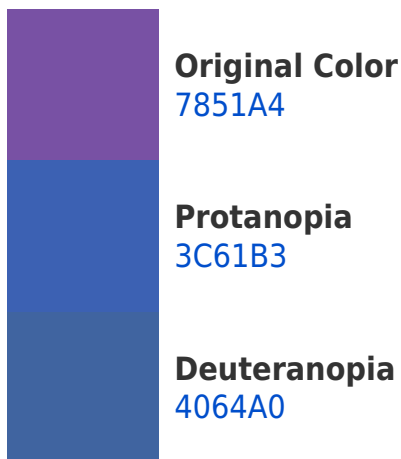


This preview shows how white text looks on a background with the Hex color 7851A4.

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
6D6067

Trichromacy



Original Color
7851A4

Protanomaly
525BAE

Deuteranomaly
545DA1

Tritanomaly
715B7D

Monochromacy



Original Color
7851A4

Achromatopsia
666666

Achromatomaly
6D5E7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7851A4 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 #7851A4 looks like.

```
.text, #text, p{  
    color:#7851A4  
}
```

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 #7851A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7851A4
}
```

Border

The CSS property to change the border of an element to Hex 7851A4 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
#7851A4 }
```

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

```
.border{ border-color:#7851A4 }
```

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

Here you see how a box with a 4 pixel #7851A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7851A4; -webkit-box-shadow:4px 4px  
4px 4px #7851A4; box-shadow:4px 4px 4px  
4px #7851A4 }
```

Background

The CSS property to change the background color of an element to Hex 7851A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7851A4 }
```

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

```
.background{ background-color:#7851A4 }
```

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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