

Converting Colors

Hex(7F84A5)

Have a look what the booklet for
Hex(7F84A5) contains.

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Color

Hex(7F84A5)

Conversions

Conversions Part 1

Format	Color
Hex	7F84A5
RGB	127, 132, 165
RGB Percent	50%, 52%, 65%
CMY	0.5020, 0.4824, 0.3529
CMYK	0.23, 0.20, 0.00, 0.35
HSL	232°, 17%, 57%
HSV	232°, 23%, 65%
XYZ	23.7952, 23.7312, 38.9237
YIQ	134.2670, -13.5730, 9.2030

Conversions

Conversions Part 2

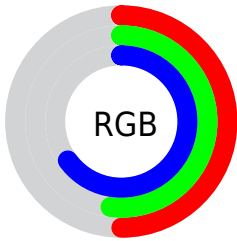
Format	Color
R_{YB}	127, 131, 165
Decimal	8357029
CIE Lab	55.82, 5.57, -18.12
CIE LCh	56, 18.956, 287.085
Yxy	23.7312, 0.2752, 0.2745
Android (android.graphics.Color)	4286547109 (0xFF7F84A5)
YUV	134.2670, 15.1514, -6.3732
Hunter-Lab	48.7146, 1.9396, -13.2734

Details

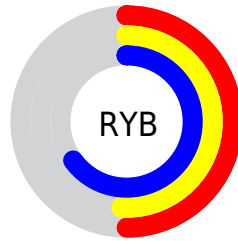
The Hex color **7F84A5** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A5A07F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B4B9DC**, and **4D5371** is the 20% darker color. If you saturate the color by 10%, you get **6E76A5**, and if you desaturate by 10%, it is **8F92A5**.

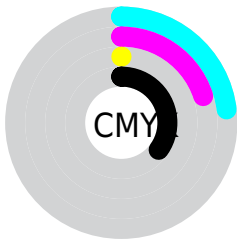
Distribution



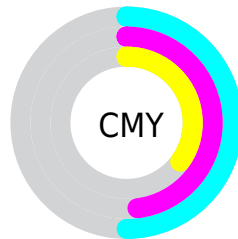
- Red (50%)
- Green (52%)
- Blue (65%)



- Red (50%)
- Yellow (51%)
- Blue (65%)



- Cyan (23%)
- Magenta (20%)
- Yellow (0%)
- Black (35%)



- Cyan (50%)
- Magenta (48%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F84A5 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 7F84A5 by changing the saturation by 10% instead.

■ 7F84A5

■ 7F84A5

FFFFFF

■ 666B8B

■ B4B9DC

■ 4D5371

■ D0D5F9

■ 363C59

■ ECF1FF

■ 1F2641

■ 09112B

■ 000116

■ 000000

■ 7F84A5

■ 7F84A5

■ 6E76A5

■ 8F92A5

■ 5E67A5

■ A0A1A5

■ 4E59A5

■ B0AFA5

■ 3D4BA5

■ C1BDA5

■ 2C3CA5

■ D1CCA5

■ 1C2EA5

■ E2DAA5

■ 0C20A5

■ F3E8A5

■ 0016A5

■ FFF7A5

■ FFFFA5

Harmonies

Analogous

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



6989A5



7F84A5



947E9C

Triad

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



7F84A5



A47D6E



648F7E

Complementary

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



7F84A5



A5A07F

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.



768C6F



7F84A5



998266

Square

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



7F84A5



A87A7D



888866



588F8F

Rectangle

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



7F84A5



9E7C93



888866



698E78

Sweetspot

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



7F84A5



C7C9D6



7FA5A0



63646B



EBEBEB



6B6B6B

Same Dimension

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



7F84A5



9AA2D6



8D7FA5



494B52



001391



000212

Inverse Universe

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



A57F84



D69AA2



97A57F



52494B



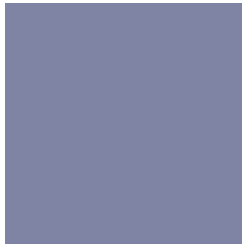
910013



120002

Previews

White Background



This preview shows how the Hex color 7F84A5 looks on a white background.

Color Contrast Check

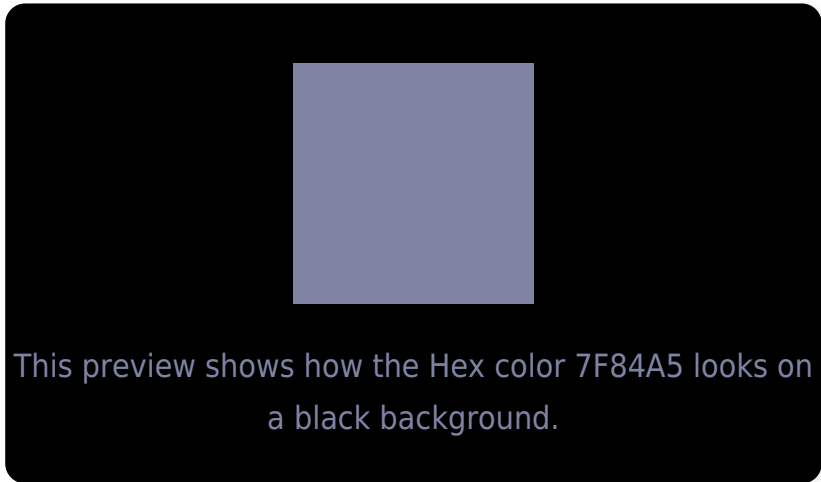
Large Text (above 18pt) WCAG AA ✓ Pass

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

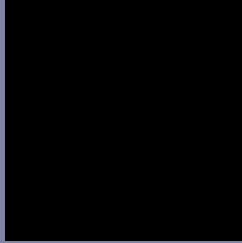
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

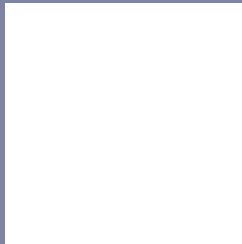
Any Text WCAG AAA × Fail

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

Hex 7F84A5 Background



This preview shows how black text looks on a background with the Hex color 7F84A5.

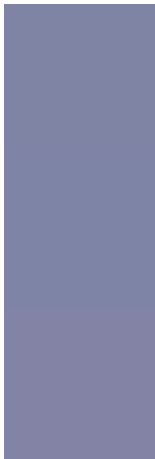


This preview shows how white text looks on a background with the Hex color 7F84A5.

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
7F84A5

Protanopia
7E84A5

Deuteranopia
8383A5



Tritanopia
7B8792

Trichromacy



Original Color
7F84A5

Protanomaly
7E84A5

Deuteranomaly
8283A5

Tritanomaly
7C8699

Monochromacy



Original Color
7F84A5

Achromatopsia
868686

Achromatomaly
838591

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F84A5 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 #7F84A5 looks like.

```
.text, #text, p{  
    color:#7F84A5  
}
```

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 #7F84A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F84A5
}
```

Border

The CSS property to change the border of an element to Hex 7F84A5 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
#7F84A5 }
```

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

```
.border{ border-color:#7F84A5 }
```

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

Here you see how a box with a 4 pixel #7F84A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F84A5; -webkit-box-shadow:4px 4px  
4px 4px #7F84A5; box-shadow:4px 4px 4px  
4px #7F84A5 }
```

Background

The CSS property to change the background color of an element to Hex 7F84A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F84A5 }
```

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

```
.background{ background-color:#7F84A5 }
```

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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