

Converting Colors

Hex(7F86A2)

Have a look what the booklet for
Hex(7F86A2) contains.

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Color

Hex(7F86A2)

Conversions

Conversions Part 1

Format	Color
Hex	7F86A2
RGB	127, 134, 162
RGB Percent	50%, 53%, 64%
CMY	0.5020, 0.4745, 0.3647
CMYK	0.22, 0.17, 0.00, 0.36
HSL	228°, 16%, 57%
HSV	228°, 22%, 64%
XYZ	23.7991, 24.1709, 37.5935
YIQ	135.0990, -13.1600, 7.2240

Conversions

Conversions Part 2

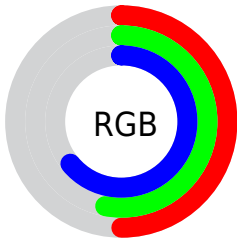
Format	Color
R_{YB}	127, 133, 162
Decimal	8357538
CIE Lab	56.26, 3.69, -15.72
CIE LCh	56, 16.150, 283.194
Yxy	24.1709, 0.2781, 0.2825
Android (android.graphics.Color)	4286547618 (0xFF7F86A2)
YUV	135.0990, 13.2622, -7.1028
Hunter-Lab	49.1639, 0.3709, -10.9218

Details

The Hex color **7F86A2** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A29B7F**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **B4BBD9**, and **4D556E** is the 20% darker color. If you saturate the color by 10%, you get **6F79A2**, and if you desaturate by 10%, it is **8F93A2**.

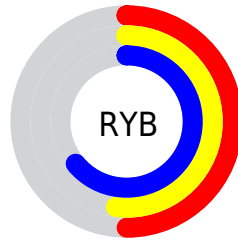
Distribution



Red (50%)

Green (53%)

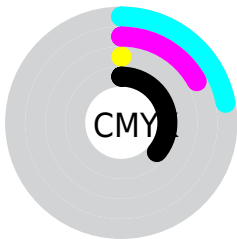
Blue (64%)



Red (50%)

Yellow (52%)

Blue (64%)

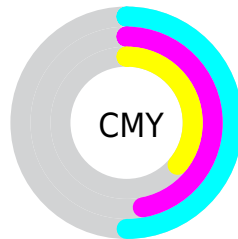


Cyan (22%)

Magenta (17%)

Yellow (0%)

Black (36%)



Cyan (50%)

Magenta (47%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F86A2 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 7F86A2 by changing the saturation by 10% instead.

■ 7F86A2

■ 7F86A2

FFFFFF

■ 666D88

■ B4BBD9

■ 4D556E

■ D0D7F5

■ 363D56

■ ECF3FF

■ 1F283F

■ 091329

■ 000114

■ 000000

■ 7F86A2

■ 7F86A2

■ 6F79A2

■ 8F93A2

■ 5F6CA2

■ 9FA0A2

■ 4E5FA2

■ B0ADA2

■ 3E52A2

■ C0BAA2

■ 2E45A2

■ D0C7A2

■ 1E38A2

■ E0D4A2

■ 0E2BA2

■ F0E1A2

■ 0020A2

■ FFEEA2

■ FFFBA2

Harmonies

Analogous

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



6D8BA1



7F86A2



91819B

Triad

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



7F86A2



A27F74



6C8E7E

Complementary

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



7F86A2



A29B7F

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.



7B8C72



7F86A2



99836C

Square

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



7F86A2



A47D81



8B886C



628F8D

Rectangle

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



7F86A2



9B7F94



8B886C



718E7A

Sweetspot

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



7F86A2



C7C9D4



7FA29B



64656B



EBEBEB



6B6B6B

Same Dimension

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



7F86A2



9DA8D4



8A7FA2



494B52



001D91



000412

Inverse Universe

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



A27F86



D49DA8



98A27F



52494B



91001D



120004

Previews

White Background



This preview shows how the Hex color 7F86A2 looks on a white background.

Color Contrast Check

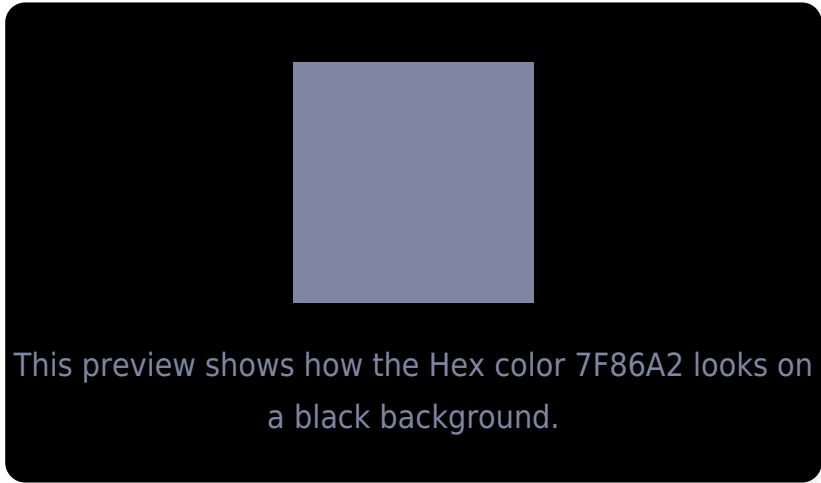
Large Text (above 18pt) WCAG AA ✓ Pass

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

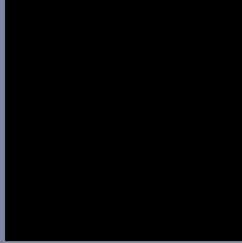
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

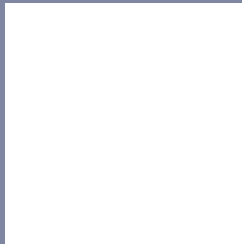
Any Text WCAG AAA × Fail

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

Hex 7F86A2 Background



This preview shows how black text looks on a background with the Hex color 7F86A2.



This preview shows how white text looks on a background with the Hex color 7F86A2.

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

7F86A2

Protanopia

8186A2

Deuteranopia

8684A2



Tritanopia
7C8993

Trichromacy



Original Color

7F86A2

Protanomaly

8086A2

Deuteranomaly

8385A2

Tritanomaly

7D8898

Monochromacy



Original Color

7F86A2

Achromatopsia

878787

Achromatomaly

848791

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F86A2 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 #7F86A2 looks like.

```
.text, #text, p{  
    color:#7F86A2  
}
```

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 #7F86A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F86A2
}
```

Border

The CSS property to change the border of an element to Hex 7F86A2 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
#7F86A2 }
```

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

```
.border{ border-color:#7F86A2 }
```

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

Here you see how a box with a 4 pixel #7F86A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F86A2; -webkit-box-shadow:4px 4px  
4px 4px #7F86A2; box-shadow:4px 4px 4px  
4px #7F86A2 }
```

Background

The CSS property to change the background color of an element to Hex 7F86A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F86A2 }
```

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

```
.background{ background-color:#7F86A2 }
```

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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