

Converting Colors

Hex(9786A4)

Have a look what the booklet for
Hex(9786A4) contains.

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Color

Hex(9786A4)

Conversions

Conversions Part 1

Format	Color
Hex	9786A4
RGB	151, 134, 164
RGB Percent	59%, 53%, 64%
CMY	0.4078, 0.4745, 0.3569
CMYK	0.08, 0.18, 0.00, 0.36
HSL	274°, 14%, 58%
HSV	274°, 18%, 64%
XYZ	27.9884, 26.3098, 38.7251
YIQ	142.5030, 0.5020, 12.9340

Conversions

Conversions Part 2

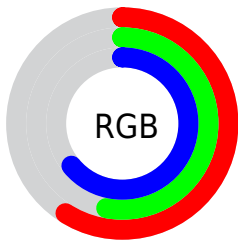
Format	Color
RYB	151, 134, 164
Decimal	9930404
CIELab	58.33, 12.26, -13.55
CIELCh	58, 18.270, 312.144
Yxy	26.3098, 0.3009, 0.2828
Android (android.graphics.Color)	4288120484 (0xFF9786A4)
YUV	142.5030, 10.5980, 7.4519
Hunter-Lab	51.2931, 7.6368, -8.8574

Details

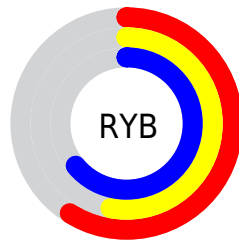
The Hex color **9786A4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **93A486**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **CDBBDB**, and **645470** is the 20% darker color. If you saturate the color by 10%, you get **9076A4**, and if you desaturate by 10%, it is **9E96A4**.

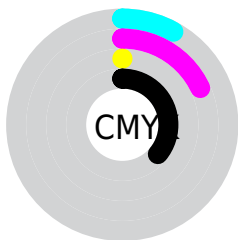
Distribution



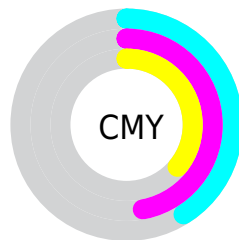
- Red (59%)
- Green (53%)
- Blue (64%)



- Red (59%)
- Yellow (53%)
- Blue (64%)



- Cyan (8%)
- Magenta (18%)
- Yellow (0%)
- Black (36%)



- Cyan (41%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9786A4 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 9786A4 by changing the saturation by 10% instead.



9786A4



9786A4

FFFFFF



7D6D8A



CDBBDB



645470



EAD7F8



4C3D58



FFF3FF



352740



1F132A



010016



000000



9786A4



9786A4



9076A4



9E96A4

8965A4

A5A7A4

8255A4

ACB7A4

7B44A4

B3C8A4

7334A4

BBD8A4

6C24A4

C2E8A4

6513A4

C9F9A4

5E03A4

D0FFA4

5D00A4

D7FFA4

Harmonies

Analogous

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



828BAB



9786A4



A68296

Triad

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



9786A4



A1886E



629592

Complementary

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



9786A4



93A486

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.



6E9582



9786A4



928D6D

Square

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



9786A4



AB8377



809274



6194A1

Rectangle

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



9786A4



AC818C



809274



65958D

Sweetspot

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



9786A4



D2CBD6



8693A4



68656B



EBEBEB



6B6B6B

Same Dimension

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



9786A4



C2A7D6



A486A2



4E4952



520091



0A0012

Inverse Universe

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



A48693



D6A7BB



86A488



52494D



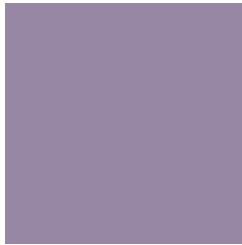
91003F



120008

Previews

White Background



This preview shows how the Hex color 9786A4 looks on a white background.

Color Contrast Check

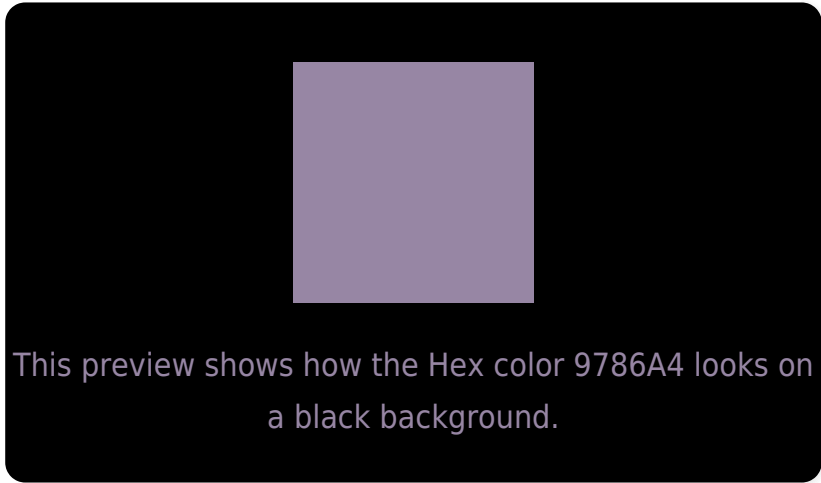
Large Text (above 18pt) WCAG AA ✓ Pass

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

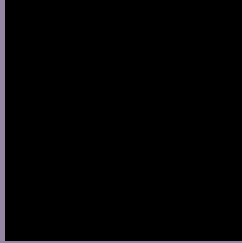
Any Text WCAG AA ✓ Pass

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 9786A4 Background



This preview shows how black text looks on a background with the Hex color 9786A4.



This preview shows how white text looks on a background with the Hex color 9786A4.

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
9786A4

Protanopia
868BA7

Deuteranopia
8F89A3



Tritanopia
948994

Trichromacy



Original Color
9786A4

Protanomaly
8C89A6

Deuteranomaly
9288A3

Tritanomaly
95889A

Monochromacy



Original Color
9786A4

Achromatopsia
8F8F8F

Achromatomaly
928C97

CSS Examples

Text

The CSS property to change the color of the text to Hex 9786A4 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 #9786A4 looks like.

```
.text, #text, p{  
    color:#9786A4  
}
```

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 #9786A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9786A4
}
```

Border

The CSS property to change the border of an element to Hex 9786A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

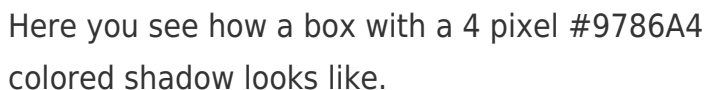
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9786A4 }
```

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

```
.border{ border-color:#9786A4 }
```

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



Here you see how a box with a 4 pixel #9786A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9786A4; -webkit-box-shadow:4px 4px  
4px 4px #9786A4; box-shadow:4px 4px 4px  
4px #9786A4 }
```

Background

The CSS property to change the background color of an element to Hex 9786A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9786A4 }
```

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

```
.background{ background-color:#9786A4 }
```

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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