

Converting Colors

Hex(978EA5)

Have a look what the booklet for
Hex(978EA5) contains.

Hex(978EA5)	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(978EA5)

Conversions

Conversions Part 1

Format	Color
Hex	978EA5
RGB	151, 142, 165
RGB Percent	59%, 56%, 65%
CMY	0.4078, 0.4431, 0.3529
CMYK	0.08, 0.14, 0.00, 0.35
HSL	263°, 11%, 60%
HSV	263°, 14%, 65%
XYZ	29.2270, 28.6419, 39.5853
YIQ	147.3130, -2.0190, 9.0610

Conversions

Conversions Part 2

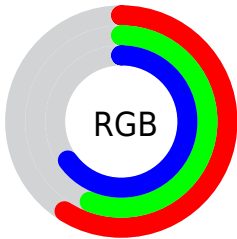
Format	Color
RYB	151, 142, 165
Decimal	9932453
CIELab	60.46, 7.90, -10.91
CIElCh	60, 13.466, 305.899
Yxy	28.6419, 0.2999, 0.2939
Android (android.graphics.Color)	4288122533 (0xFF978EA5)
YUV	147.3130, 8.7197, 3.2335
Hunter-Lab	53.5182, 3.8247, -6.3918

Details

The Hex color **978EA5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9CA58E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **CDC4DC**, and **645C71** is the 20% darker color. If you saturate the color by 10%, you get **8D7EA5**, and if you desaturate by 10%, it is **A19EA5**.

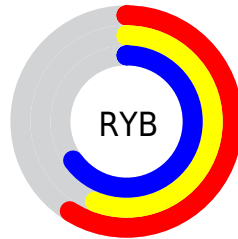
Distribution



Red (59%)

Green (56%)

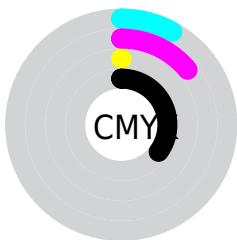
Blue (65%)



Red (59%)

Yellow (56%)

Blue (65%)

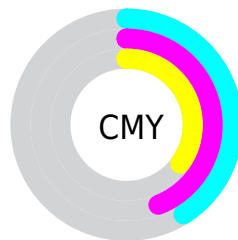


Cyan (8%)

Magenta (14%)

Yellow (0%)

Black (35%)



Cyan (41%)

Magenta (44%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 978EA5 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 978EA5 by changing the saturation by 10% instead.

■ 978EA5

■ 978EA5

FFFFFF

■ 7D748B

■ CDC4DC

■ 645C71

■ E9E0F9

■ 4C4459

■ FFFCFF

■ 352E41

■ 20192B

■ 0A0017

■ 000000

■ 978EA5

■ 978EA5

■ 8D7EA5

■ A19EA5

836DA5

ABAFA5

795CA5

B5BFA5

6F4CA5

BFD0A5

653BA5

C9E0A5

5B2BA5

D3F1A5

511BA5

DDFFA5

470AA5

E7FFA5

4100A5

F1FFA5

Harmonies

Analogous

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



8892A9



978EA5



A38B9C

Triad

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



978EA5



A48E7C



759994

Complementary

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



978EA5



9CA58E

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.



7E9888



978EA5



99927A

Square

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



978EA5



AA8B84



8B957E



73989F

Rectangle

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



978EA5



A98A94



8B957E



789990

Sweetspot

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



978EA5



D1CED6



8E9CA5



68666B



EBEBEB



6B6B6B

Same Dimension

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



978EA5



C0B2D6



A28EA5



4D4952



390091



070012

Inverse Universe

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



A58E9C



D6B2C8



91A58E



52494E



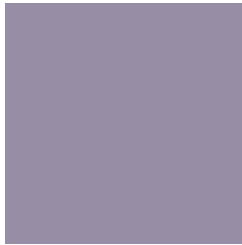
910058



12000B

Previews

White Background



This preview shows how the Hex color 978EA5 looks on a white background.

Color Contrast Check

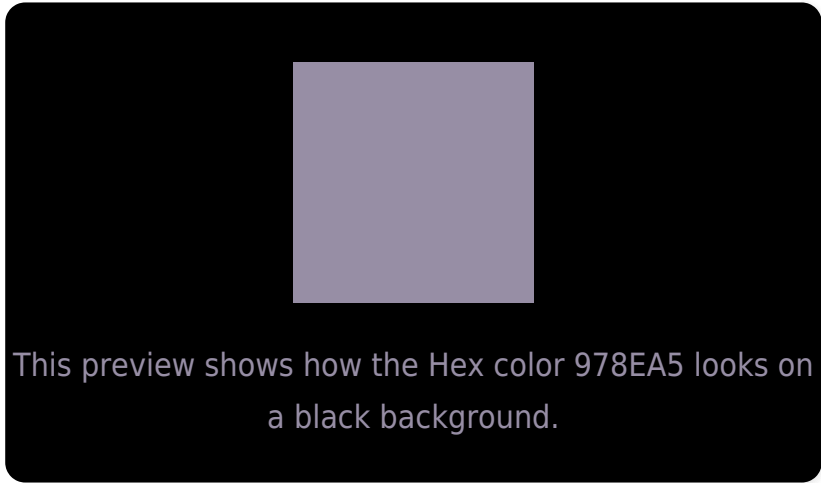
Large Text (above 18pt) WCAG AA ✓ Pass

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

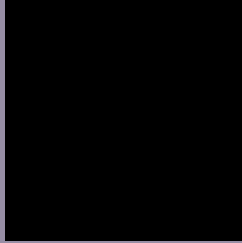
Any Text WCAG AA ✓ Pass

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 978EA5 Background



This preview shows how black text looks on a background with the Hex color 978EA5.



This preview shows how white text looks on a background with the Hex color 978EA5.

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
978EA5

Protanopia
8E91A7

Deuteranopia
978EA5



Tritanopia
95909B

Trichromacy



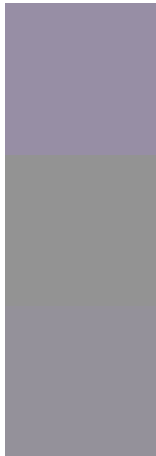
Original Color
978EA5

Protanomaly
9190A6

Deuteranomaly
978EA5

Tritanomaly
968F9F

Monochromacy



Original Color
978EA5

Achromatopsia
939393

Achromatomaly
94919A

CSS Examples

Text

The CSS property to change the color of the text to Hex 978EA5 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 #978EA5 looks like.

```
.text, #text, p{  
    color:#978EA5  
}
```

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 #978EA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #978EA5
}
```

Border

The CSS property to change the border of an element to Hex 978EA5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

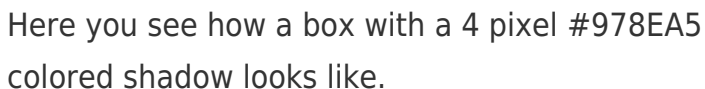
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#978EA5 }
```

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

```
.border{ border-color:#978EA5 }
```

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



Here you see how a box with a 4 pixel #978EA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #978EA5; -webkit-box-shadow:4px 4px  
4px 4px #978EA5; box-shadow:4px 4px 4px  
4px #978EA5 }
```

Background

The CSS property to change the background color of an element to Hex 978EA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#978EA5 }
```

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

```
.background{ background-color:#978EA5 }
```

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