

Converting Colors

Hex(7958AA)

Have a look what the booklet for
Hex(7958AA) contains.

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Color

Hex(7958AA)

Conversions

Conversions Part 1

Format	Color
Hex	7958AA
RGB	121, 88, 170
RGB Percent	47%, 35%, 67%
CMY	0.5255, 0.6549, 0.3333
CMYK	0.29, 0.48, 0.00, 0.33
HSL	264°, 33%, 51%
HSV	264°, 48%, 67%
XYZ	18.6306, 13.9467, 39.7402
YIQ	107.2150, -6.6540, 32.4980

Conversions

Conversions Part 2

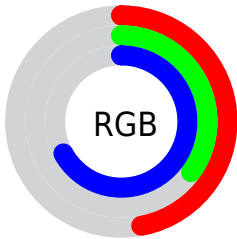
Format	Color
R _Y B	121, 88, 170
Decimal	7952554
CIE Lab	44.16, 31.15, -39.21
CIE LCh	44, 50.079, 308.466
Yxy	13.9467, 0.2576, 0.1929
Android (android.graphics.Color)	4286142634 (0xFF7958AA)
YUV	107.2150, 30.9530, 12.0894
Hunter-Lab	37.3452, 23.6949, -36.9507

Details

The Hex color **7958AA** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **89AA58**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **AF8BE2**, and **452975** is the 20% darker color. If you saturate the color by 10%, you get **6F47AA**, and if you desaturate by 10%, it is **8369AA**.

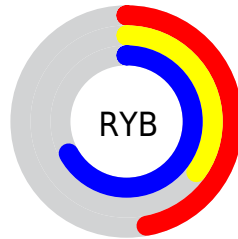
Distribution



Red (47%)

Green (35%)

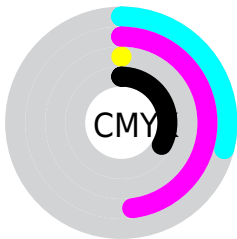
Blue (67%)



Red (47%)

Yellow (35%)

Blue (67%)

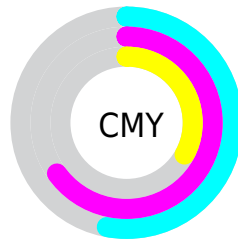


Cyan (29%)

Magenta (48%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (65%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7958AA 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 7958AA by changing the saturation by 10% instead.

7958AA

7958AA

FFFFFF

5F408F

AF8BE2

452975

CBA5FF

2B135C

E8C1FF

120044

FFDDFF

00002D

FFF9FF

000117

000000

7958AA

7958AA

6F47AA

8369AA

6536AA

8D7AAA

5B25AA

978BAA

5014AA

A29CAA

4603AA

ACADAA

4400AA

B6BEAA

C0CFAA

CAE0AA

D4F1AA

Harmonies

Analogous

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



1769BB



7958AA



A34688

Triad

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



7958AA



955B15



007C73

Complementary

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



7958AA



89AA58

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.



007A48



7958AA



726A04

Square

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



7958AA



AC4A37



457421



007B9B

Rectangle

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



7958AA



B03F6C



457421



007C65

Sweetspot

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



7958AA



CBBFDE



5889AA



655D70



F0F0F0



707070

Same Dimension

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



7958AA



915DDE



A258AA



4F4C54



3C0094



080014

Inverse Universe

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



AA5889



DE5DAA



60AA58



544C51



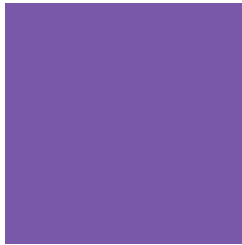
940058



14000C

Previews

White Background



This preview shows how the Hex color 7958AA looks on a white background.

Color Contrast Check

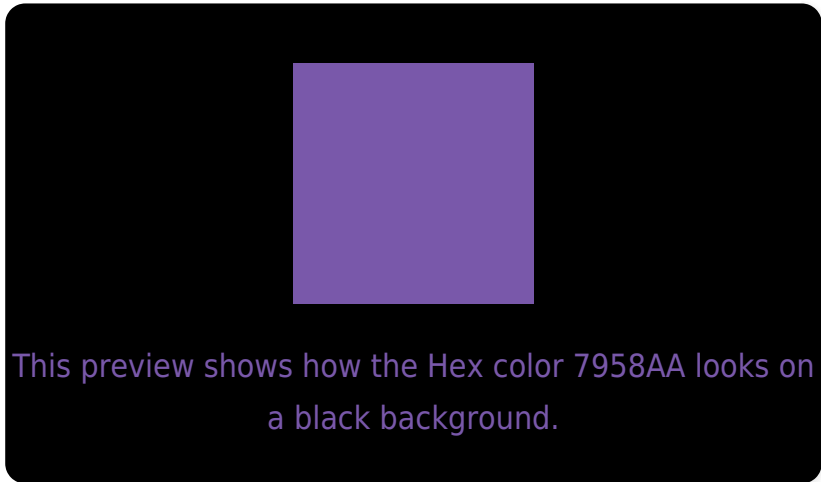
Large Text (above 18pt) WCAG AA ✓ Pass

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 7958AA Background



This preview shows how black text looks on a background with the Hex color 7958AA.




This preview shows how white text looks on a background with the Hex color 7958AA.

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
6E666E

Trichromacy



Original Color
7958AA

Protanomaly
5761B2

Deuteranomaly
5863A8

Tritanomaly
726184

Monochromacy



Original Color
7958AA

Achromatopsia
6B6B6B

Achromatomaly
706482

CSS Examples

Text

The CSS property to change the color of the text to Hex 7958AA 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 #7958AA looks like.

```
.text, #text, p{  
    color:#7958AA  
}
```

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 #7958AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7958AA
}
```

Border

The CSS property to change the border of an element to Hex 7958AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

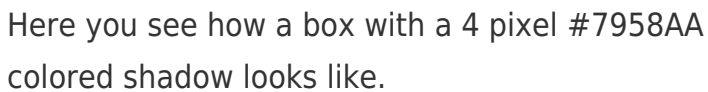
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7958AA }
```

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

```
.border{ border-color:#7958AA }
```

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



Here you see how a box with a 4 pixel #7958AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7958AA; -webkit-box-shadow:4px 4px  
4px 4px #7958AA; box-shadow:4px 4px 4px  
4px #7958AA }
```

Background

The CSS property to change the background color of an element to Hex 7958AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7958AA }
```

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

```
.background{ background-color:#7958AA }
```

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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