

Converting Colors

Hex(7953A8)

Have a look what the booklet for
Hex(7953A8) contains.

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Color

Hex(7953A8)

Conversions

Conversions Part 1

Format	Color
Hex	7953A8
RGB	121, 83, 168
RGB Percent	47%, 33%, 66%
CMY	0.5255, 0.6745, 0.3412
CMYK	0.28, 0.51, 0.00, 0.34
HSL	267°, 34%, 49%
HSV	267°, 51%, 66%
XYZ	18.0463, 13.0786, 38.6191
YIQ	104.0520, -4.6370, 34.4910

Conversions

Conversions Part 2

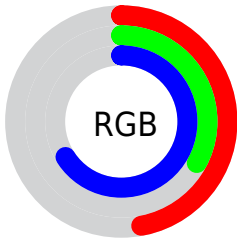
Format	Color
R_{YB}	121, 83, 168
Decimal	7951272
CIE _{Lab}	42.88, 33.58, -40.05
CIE _{LCh}	43, 52.266, 309.975
Yxy	13.0786, 0.2588, 0.1875
Android (android.graphics.Color)	4286141352 (0xFF7953A8)
YUV	104.0520, 31.5264, 14.8634
Hunter-Lab	36.1644, 25.7852, -37.9993

Details

The Hex color **7953A8** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **82A853**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **AF86E0**, and **452473** is the 20% darker color. If you saturate the color by 10%, you get **7042A8**, and if you desaturate by 10%, it is **8264A8**.

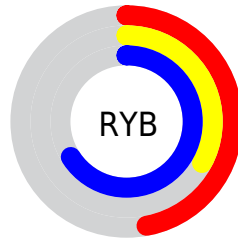
Distribution



Red (47%)

Green (33%)

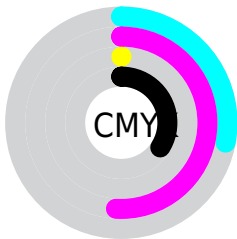
Blue (66%)



Red (47%)

Yellow (33%)

Blue (66%)

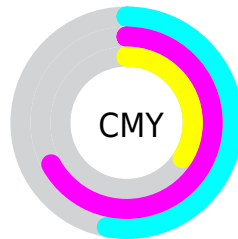


Cyan (28%)

Magenta (51%)

Yellow (0%)

Black (34%)



Cyan (53%)

Magenta (67%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7953A8 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 7953A8 by changing the saturation by 10% instead.

7953A8

7953A8

FFFFFF

5F3B8D

AF86E0

452473

CCA0FD

2B0D5A

E8BBFF

130042

FFD7FF

00012B

FFF4FF

000116

000000

7953A8

7953A8

7042A8

8264A8

6631A8

8C75A8

5D21A8

9585A8

5410A8

9E96A8

4B00A8

A7A7A8

B1B8A8

BAC9A8

C3D9A8

CDEAA8

Harmonies

Analogous

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



0B66BB



7953A8



A33F84

Triad

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



7953A8



915808



007973

Complementary

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



7953A8



82A853

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.



007746



7953A8



6D6800

Square

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



7953A8



AA4530



3D721B



00789C

Rectangle

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



7953A8



B03867



3D721B



007964

Sweetspot

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



7953A8



C9BADB



5383A8



635A6E



EDEDED



6E6E6E

Same Dimension

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



7953A8



9156DB



A253A8



4F4C54



420094



090014

Inverse Universe

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



A85382



DB569F



59A853



544C50



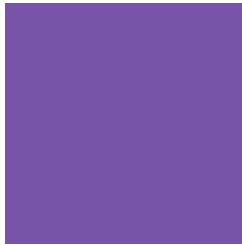
940052



14000B

Previews

White Background



This preview shows how the Hex color 7953A8 looks on a white background.

Color Contrast Check

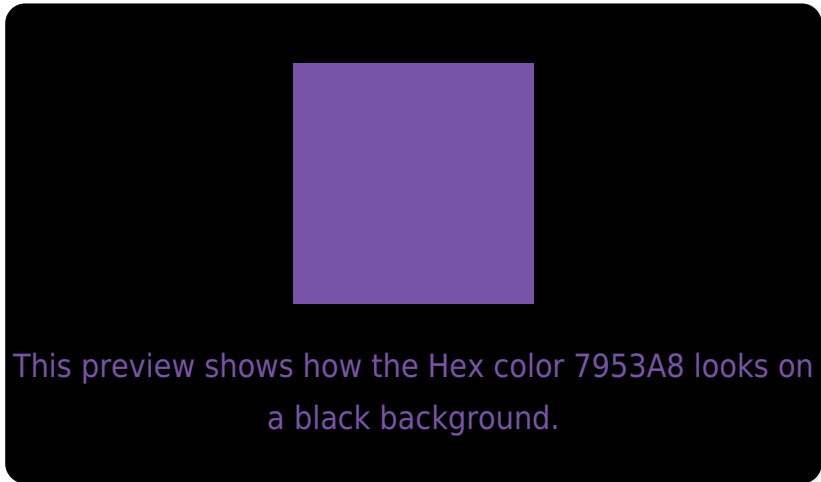
Large Text (above 18pt) WCAG AA ✓ Pass

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 7953A8 Background



This preview shows how black text looks on a background with the Hex color 7953A8.

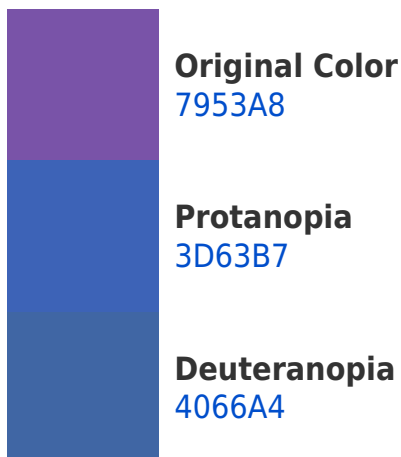



This preview shows how white text looks on a background with the Hex color 7953A8.

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
6E626A

Trichromacy



Original Color
7953A8

Protanomaly
535DB2

Deuteranomaly
555FA5

Tritanomaly
725D81

Monochromacy



Original Color
7953A8

Achromatopsia
686868

Achromatomaly
6E607F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7953A8 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 #7953A8 looks like.

```
.text, #text, p{  
    color:#7953A8  
}
```

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 #7953A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7953A8
}
```

Border

The CSS property to change the border of an element to Hex 7953A8 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
#7953A8 }
```

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

```
.border{ border-color:#7953A8 }
```

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

Here you see how a box with a 4 pixel #7953A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7953A8; -webkit-box-shadow:4px 4px  
4px 4px #7953A8; box-shadow:4px 4px 4px  
4px #7953A8 }
```

Background

The CSS property to change the background color of an element to Hex 7953A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7953A8 }
```

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

```
.background{ background-color:#7953A8 }
```

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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