

Converting Colors

Hex(953D8A)

Have a look what the booklet for
Hex(953D8A) contains.

Hex(953D8A)	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(953D8A)

Conversions

Conversions Part 1

Format	Color
Hex	953D8A
RGB	149, 61, 138
RGB Percent	58%, 24%, 54%
CMY	0.4157, 0.7608, 0.4588
CMYK	0.00, 0.59, 0.07, 0.42
HSL	308°, 42%, 41%
HSV	308°, 59%, 58%
XYZ	18.6506, 11.5620, 25.2935
YIQ	96.0900, 27.7310, 42.6030

Conversions

Conversions Part 2

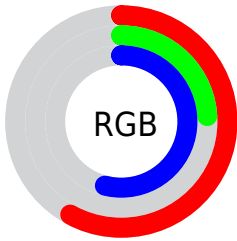
Format	Color
R_{YB}	149, 61, 138
Decimal	9780618
CIE _{Lab}	40.51, 46.97, -25.51
CIE _{LCh}	41, 53.449, 331.490
Yxy	11.5620, 0.3360, 0.2083
Android (android.graphics.Color)	4287970698 (0xFF953D8A)
YUV	96.0900, 20.6616, 46.4021
Hunter-Lab	34.0030, 38.4019, -20.3014

Details

The Hex color **953D8A** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3D9548**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **CD71C0**, and **5F0058** is the 20% darker color. If you saturate the color by 10%, you get **952E88**, and if you desaturate by 10%, it is **954C8C**.

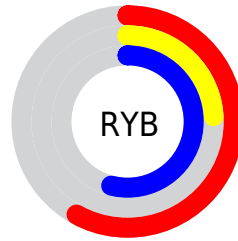
Distribution



Red (58%)

Green (24%)

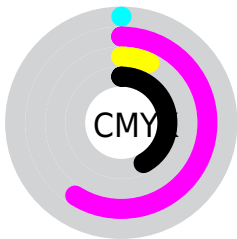
Blue (54%)



Red (58%)

Yellow (24%)

Blue (54%)

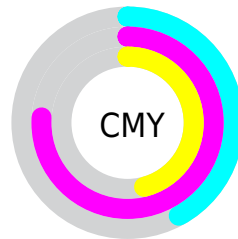


Cyan (0%)

Magenta (59%)

Yellow (7%)

Black (42%)



Cyan (42%)

Magenta (76%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 953D8A 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 953D8A by changing the saturation by 10% instead.

 953D8A

 953D8A

FFFFFF

 7A2270

 CD71C0

 5F0058

 EA8CDC

 460040

 FFA8F8

 30002A

 FFC4FF

 050014

 FFE0FF

 000000

 FFFDFD

 953D8A

 953D8A

 952E88

 954C8C

951F86

955B8E

951084

956A90

950183

957991

950082

958893

959695

95A597

95B499

95C39B

Harmonies

Analogous

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



6053AB



953D8A



AB2F5F

Triad

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



953D8A



715E00



00738C

Complementary

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



953D8A



3D9548

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.



007360



953D8A



456A02

Square

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



953D8A



934D0A



007033



006FAC

Rectangle

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



953D8A



AC3342



007033



00737E

Sweetspot

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



953D8A



C29FBD



473D95



614C5E



E0E0E0



616161

Same Dimension

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



953D8A



C238B1



953D5F



4A4349



8A0078



0A0009

Inverse Universe

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



953D8A



C238B1



3D9573



4A4349



8A0078



0A0009

Previews

White Background



This preview shows how the Hex color 953D8A looks on a white background.

Color Contrast Check

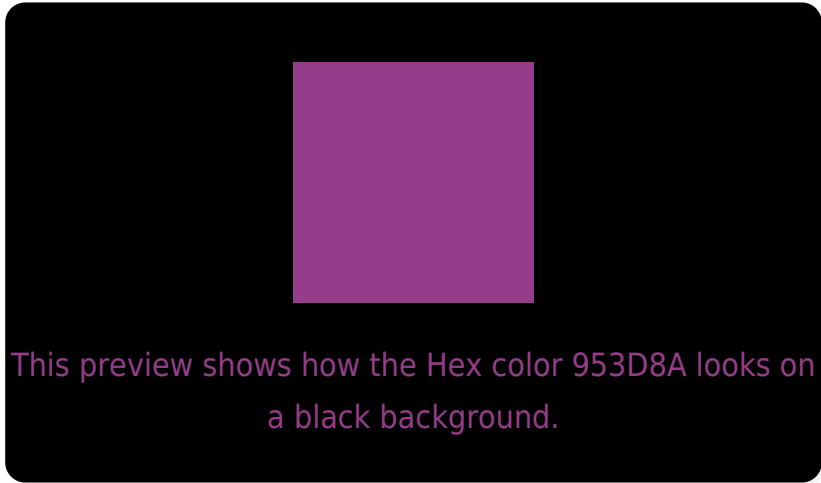
Large Text (above 18pt) WCAG AA ✓ Pass

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

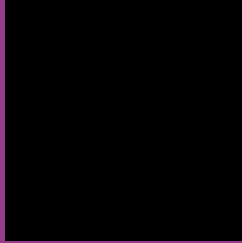
Any Text WCAG AA × Fail

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 953D8A Background



This preview shows how black text looks on a background with the Hex color 953D8A.

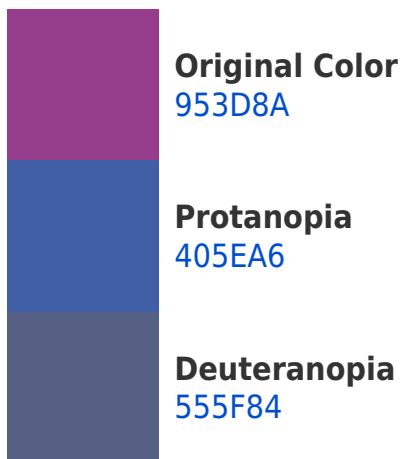


This preview shows how white text looks on a background with the Hex color 953D8A.

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
8F4C51

Trichromacy



Original Color
953D8A



Protanomaly
5F529C



Deuteranomaly
6C5386



Tritanomaly
914766

Monochromacy



Original Color
953D8A



Achromatopsia
606060



Achromatomaly
73536F

CSS Examples

Text

The CSS property to change the color of the text to Hex 953D8A 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 #953D8A looks like.

```
.text, #text, p{  
    color:#953D8A  
}
```

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 #953D8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #953D8A
}
```

Border

The CSS property to change the border of an element to Hex 953D8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

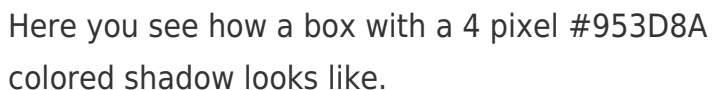
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#953D8A }
```

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

```
.border{ border-color:#953D8A }
```

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



Here you see how a box with a 4 pixel #953D8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #953D8A; -webkit-box-shadow:4px 4px  
4px 4px #953D8A; box-shadow:4px 4px 4px  
4px #953D8A }
```

Background

The CSS property to change the background color of an element to Hex 953D8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#953D8A }
```

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

```
.background{ background-color:#953D8A }
```

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