

Converting Colors

Hex(993D6B)

Have a look what the booklet for
Hex(993D6B) contains.

Hex(993D6B)	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(993D6B)

Conversions

Conversions Part 1

Format	Color
Hex	993D6B
RGB	153, 61, 107
RGB Percent	60%, 24%, 42%
CMY	0.4000, 0.7608, 0.5804
CMYK	0.00, 0.60, 0.30, 0.40
HSL	330°, 43%, 42%
HSV	330°, 60%, 60%
XYZ	17.4595, 11.1713, 15.1460
YIQ	93.7520, 40.0660, 33.8100

Conversions

Conversions Part 2

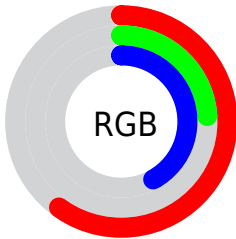
Format	Color
R_{YB}	153, 61, 107
Decimal	10042731
CIE _{Lab}	39.87, 43.42, -7.30
CIE _{LCh}	40, 44.030, 350.451
Yxy	11.1713, 0.3988, 0.2552
Android (android.graphics.Color)	4288232811 (0xFF993D6B)
YUV	93.7520, 6.5313, 51.9605
Hunter-Lab	33.4235, 34.7519, -3.4710

Details

The Hex color **993D6B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3D996B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **D2719E**, and **63003C** is the 20% darker color. If you saturate the color by 10%, you get **992E63**, and if you desaturate by 10%, it is **994C73**.

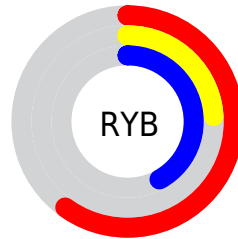
Distribution



Red (60%)

Green (24%)

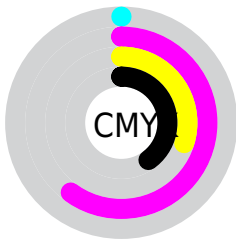
Blue (42%)



Red (60%)

Yellow (24%)

Blue (42%)

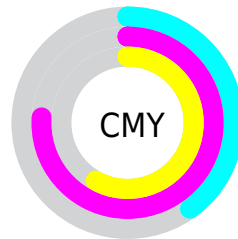


Cyan (0%)

Magenta (60%)

Yellow (30%)

Black (40%)



Cyan (40%)

Magenta (76%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 993D6B 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 993D6B by changing the saturation by 10% instead.

 993D6B

 993D6B

FFFFFF

 7D2253

 D2719E

 63003C

 EF8CB9

 480026

 FFA7D5

 320011

 FFC3F1

 000000

 FFDFFF

 FFFDFF

 993D6B

 993D6B

 992E63

 994C73

991E5C

995C7A

990F54

996B82

99004D

997A8A

998A91

999999

99A8A1

99B7A8

99C7B0

Harmonies

Analogous

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



7E4A8C



993D6B



9F3D47

Triad

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



993D6B



596412



006C95

Complementary

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



993D6B



3D996B

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.



006F76



993D6B



2C6B2D

Square

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



993D6B



7A5810



006E51



0065A5

Rectangle

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



993D6B



984531



006E51



006E8C

Sweetspot

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



993D6B



C7A3B5



6B3D99



634E59



E3E3E3



636363

Same Dimension

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



993D6B



C7387F



993D3D



4D4549



8C0046



0D0006

Inverse Universe

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



993D6B



C7387F



3D9999



4D4549



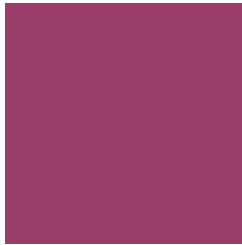
8C0046



0D0006

Previews

White Background



This preview shows how the Hex color 993D6B looks on a white background.

Color Contrast Check

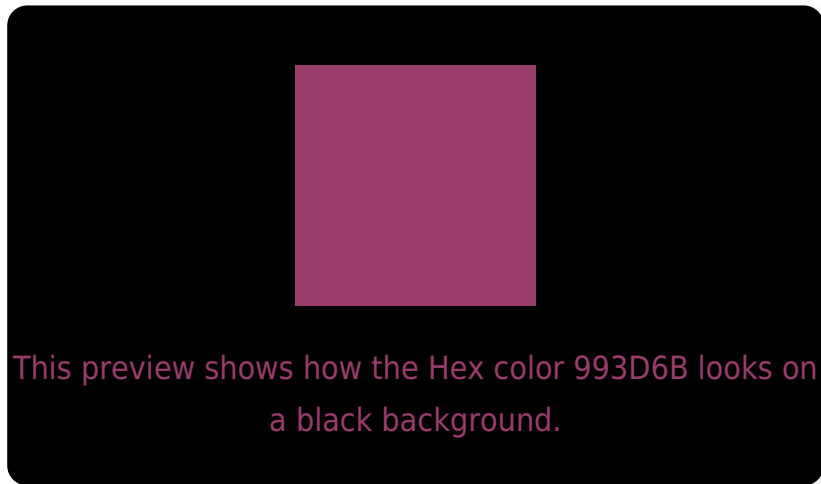
Large Text (above 18pt) WCAG AA ✓ Pass

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 993D6B Background



This preview shows how black text looks on a background with the Hex color 993D6B.




This preview shows how white text looks on a background with the Hex color 993D6B.

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
964549

Trichromacy



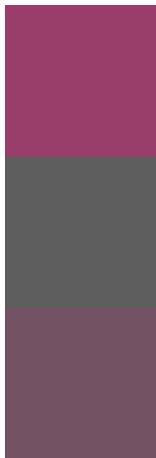
Original Color
993D6B

Protanomaly
6D5179

Deuteranomaly
775168

Tritanomaly
974255

Monochromacy



Original Color
993D6B

Achromatopsia
5E5E5E

Achromatomaly
735263

CSS Examples

Text

The CSS property to change the color of the text to Hex 993D6B 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 #993D6B looks like.

```
.text, #text, p{  
    color:#993D6B  
}
```

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 #993D6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #993D6B
}
```

Border

The CSS property to change the border of an element to Hex 993D6B 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
#993D6B }
```

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

```
.border{ border-color:#993D6B }
```

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

Here you see how a box with a 4 pixel #993D6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #993D6B; -webkit-box-shadow:4px 4px  
4px 4px #993D6B; box-shadow:4px 4px 4px  
4px #993D6B }
```

Background

The CSS property to change the background color of an element to Hex 993D6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#993D6B }
```

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

```
.background{ background-color:#993D6B }
```

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