

Converting Colors

Hex(933C75)

Have a look what the booklet for
Hex(933C75) contains.

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Color

Hex(933C75)

Conversions

Conversions Part 1

Format	Color
Hex	933C75
RGB	147, 60, 117
RGB Percent	58%, 24%, 46%
CMY	0.4235, 0.7647, 0.5412
CMYK	0.00, 0.59, 0.20, 0.42
HSL	321°, 42%, 41%
HSV	321°, 59%, 58%
XYZ	16.8594, 10.7191, 18.0100
YIQ	92.5110, 33.5550, 36.1710

Conversions

Conversions Part 2

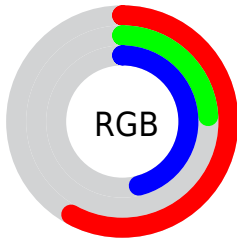
Format	Color
R_{YB}	147, 60, 117
Decimal	9649269
CIE _{Lab}	39.10, 43.42, -14.78
CIE _{LCh}	39, 45.867, 341.201
Yxy	10.7191, 0.3698, 0.2351
Android (android.graphics.Color)	4287839349 (0xFF933C75)
YUV	92.5110, 12.0731, 47.7869
Hunter-Lab	32.7401, 34.6228, -9.6969

Details

The Hex color **933C75** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3C935A**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **CB70A9**, and **5D0045** is the 20% darker color. If you saturate the color by 10%, you get **932D70**, and if you desaturate by 10%, it is **934B7A**.

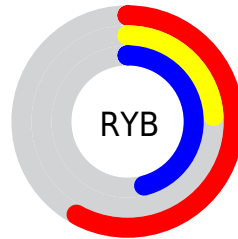
Distribution



Red (58%)

Green (24%)

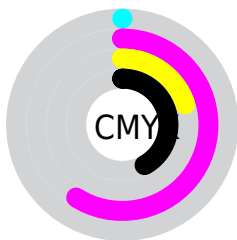
Blue (46%)



Red (58%)

Yellow (24%)

Blue (46%)

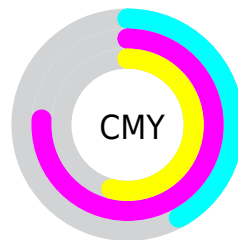


Cyan (0%)

Magenta (59%)

Yellow (20%)

Black (42%)



Cyan (42%)

Magenta (76%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 933C75 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 933C75 by changing the saturation by 10% instead.

 933C75

 933C75

FFFFFF

 78225C

 CB70A9

 5D0045

 E88AC4

 44002E

 FFA6E0

 2E001A

 FFC1FD

 000000

 FFDEFF

 FFFBFF

 933C75

 933C75

 932D70

 934B7A

931F6B

93597F

931066

936884

930161

937789

930060

93858E

939493

93A398

93B29E

93C0A3

Harmonies

Analogous

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



704C95



933C75



9F3750

Triad

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



933C75



625F04



006C8C

Complementary

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



933C75



3C935A

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.



006E69



933C75



38671F

Square

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



933C75



82520F



006C43



0067A3

Rectangle

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



933C75



9C3D38



006C43



006D82

Sweetspot

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



933C75



BF9DB3



593C93



614C5A



E0E0E0



616161

Same Dimension

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



933C75



BF3790



933C4B



4A4347



8A005A



0A0007

Inverse Universe

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



933C75



BF3790



3C9384



4A4347



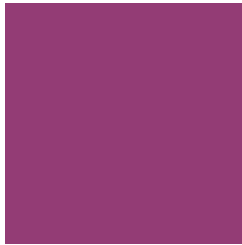
8A005A



0A0007

Previews

White Background



This preview shows how the Hex color 933C75 looks on a white background.

Color Contrast Check

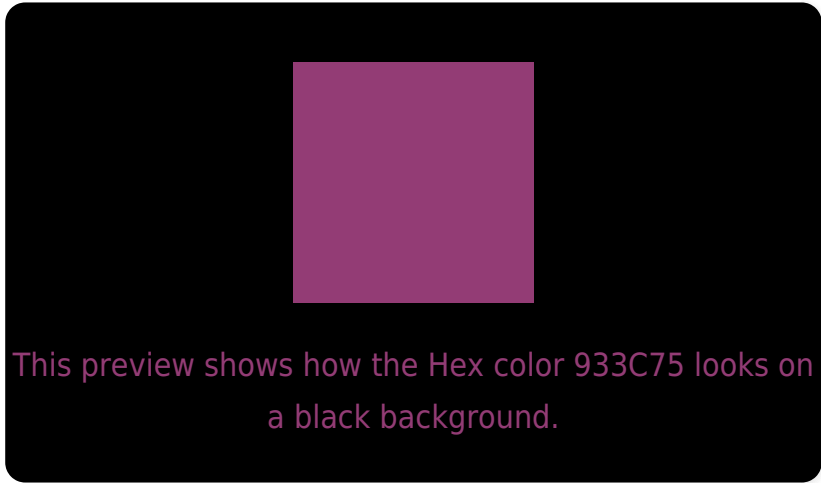
Large Text (above 18pt) WCAG AA ✓ Pass

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

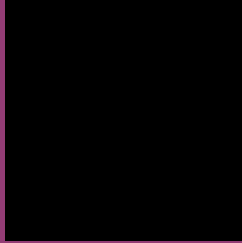
Any Text WCAG AA × Fail

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 933C75 Background



This preview shows how black text looks on a background with the Hex color 933C75.

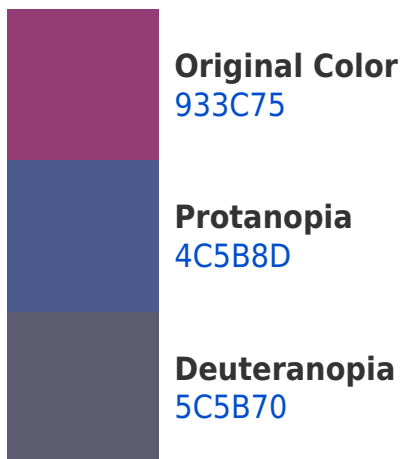


This preview shows how white text looks on a background with the Hex color 933C75.

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
8F464B

Trichromacy



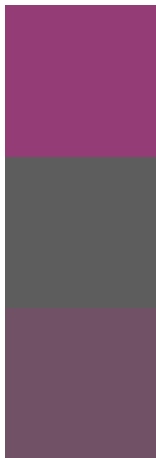
Original Color
933C75

Protanomaly
665084

Deuteranomaly
705072

Tritanomaly
90425A

Monochromacy



Original Color
933C75

Achromatopsia
5D5D5D

Achromatomaly
715166

CSS Examples

Text

The CSS property to change the color of the text to Hex 933C75 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 #933C75 looks like.

```
.text, #text, p{  
    color:#933C75  
}
```

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 #933C75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #933C75
}
```

Border

The CSS property to change the border of an element to Hex 933C75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

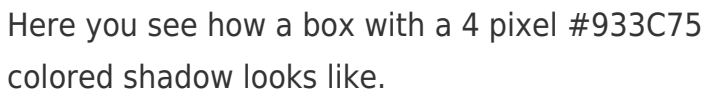
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#933C75 }
```

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

```
.border{ border-color:#933C75 }
```

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



Here you see how a box with a 4 pixel #933C75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #933C75; -webkit-box-shadow:4px 4px  
4px 4px #933C75; box-shadow:4px 4px 4px  
4px #933C75 }
```

Background

The CSS property to change the background color of an element to Hex 933C75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#933C75 }
```

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

```
.background{ background-color:#933C75 }
```

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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