

Converting Colors

Hex(935B9E)

Have a look what the booklet for
Hex(935B9E) contains.

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Color

Hex(935B9E)

Conversions

Conversions Part 1

Format	Color
Hex	935B9E
RGB	147, 91, 158
RGB Percent	58%, 36%, 62%
CMY	0.4235, 0.6431, 0.3804
CMYK	0.07, 0.42, 0.00, 0.38
HSL	290°, 27%, 49%
HSV	290°, 42%, 62%
XYZ	21.9453, 16.1538, 34.3091
YIQ	115.3820, 11.8690, 32.7090

Conversions

Conversions Part 2

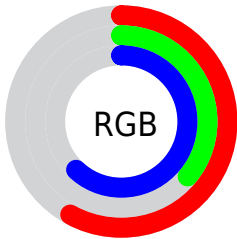
Format	Color
R_{YB}	147, 91, 158
Decimal	9657246
CIE _{Lab}	47.18, 34.43, -27.17
CIE _{LCh}	47, 43.862, 321.720
Yxy	16.1538, 0.3031, 0.2231
Android (android.graphics.Color)	4287847326 (0xFF935B9E)
YUV	115.3820, 21.0107, 27.7290
Hunter-Lab	40.1918, 27.1276, -22.4777

Details

The Hex color **935B9E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **669E5B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **CA8ED5**, and **5F2A6A** is the 20% darker color. If you saturate the color by 10%, you get **904B9E**, and if you desaturate by 10%, it is **966B9E**.

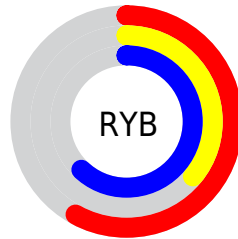
Distribution



Red (58%)

Green (36%)

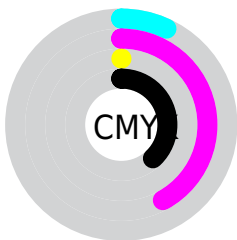
Blue (62%)



Red (58%)

Yellow (36%)

Blue (62%)

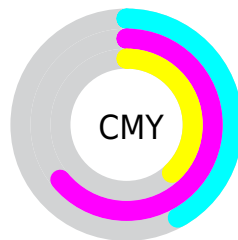


Cyan (7%)

Magenta (42%)

Yellow (0%)

Black (38%)



Cyan (42%)

Magenta (64%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 935B9E 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 935B9E by changing the saturation by 10% instead.

 935B9E

 935B9E

FFFFFF

 784284

 CA8ED5

 5F2A6A

 E7A9F1

 461252

 FFC5FF

 2E003A

 FFE1FF

 180025

FFFEFF

 00000C

 000000

 935B9E

 935B9E

 904B9E

 966B9E

 8E3B9E

 987B9E

 8B2C9E

 9B8A9E

 891C9E

 9D9A9E

 860C9E

 A0AA9E

 84009E

 A3BA9E

 A5CA9E

 A8D99E

 AAE99E

Harmonies

Analogous

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



606AB5



935B9E



AE507C

Triad

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



935B9E



8D6A23



00828A

Complementary

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



935B9E



669E5B

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.



008164



935B9E



6A7626

Square

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



935B9E



A75C37



3D7E40



007FA9

Rectangle

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



935B9E



B44F63



3D7E40



00827E

Sweetspot

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



935B9E



CAB4CF



5B669E



665869



E8E8E8



696969

Same Dimension

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



935B9E



BD65CF



9E5B88



4E474F



77008F



0D000F

Inverse Universe

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



9E5B66



CF6577



5B9E71



4F4748



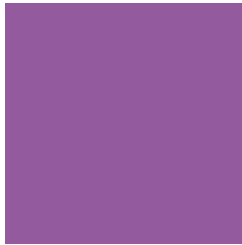
8F0017



0F0003

Previews

White Background



This preview shows how the Hex color 935B9E looks on a white background.

Color Contrast Check

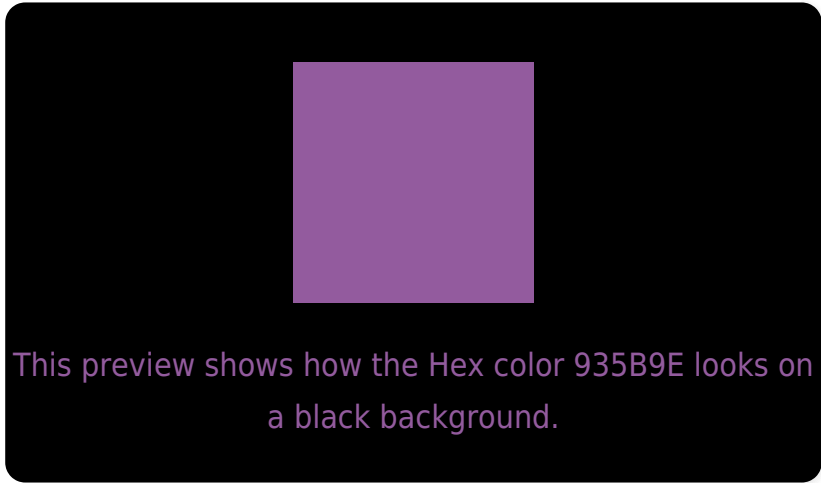
Large Text (above 18pt) WCAG AA ✓ Pass

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

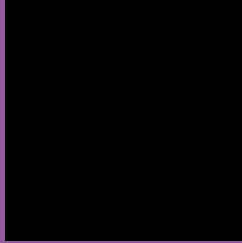
Any Text WCAG AA × Fail

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 935B9E Background



This preview shows how black text looks on a background with the Hex color 935B9E.

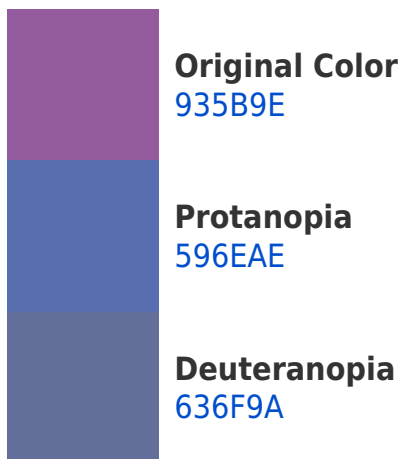



This preview shows how white text looks on a background with the Hex color 935B9E.

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
8C666D

Trichromacy



Original Color
935B9E

Protanomaly
6E67A8

Deuteranomaly
74689B

Tritanomaly
8F627F

Monochromacy



Original Color
935B9E

Achromatopsia
737373

Achromatomaly
7F6A83

CSS Examples

Text

The CSS property to change the color of the text to Hex 935B9E 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 #935B9E looks like.

```
.text, #text, p{  
    color:#935B9E  
}
```

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 #935B9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #935B9E
}
```

Border

The CSS property to change the border of an element to Hex 935B9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

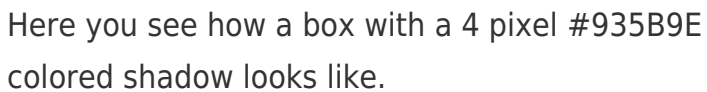
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#935B9E }
```

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

```
.border{ border-color:#935B9E }
```

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



Here you see how a box with a 4 pixel #935B9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #935B9E; -webkit-box-shadow:4px 4px  
4px 4px #935B9E; box-shadow:4px 4px 4px  
4px #935B9E }
```

Background

The CSS property to change the background color of an element to Hex 935B9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#935B9E }
```

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

```
.background{ background-color:#935B9E }
```

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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