

Converting Colors

Hex(935E91)

Have a look what the booklet for
Hex(935E91) contains.

Hex(935E91)	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(935E91)

Conversions

Conversions Part 1

Format	Color
Hex	935E91
RGB	147, 94, 145
RGB Percent	58%, 37%, 57%
CMY	0.4235, 0.6314, 0.4314
CMYK	0.00, 0.36, 0.01, 0.42
HSL	302°, 22%, 47%
HSV	302°, 36%, 58%
XYZ	21.1462, 16.2528, 28.8106
YIQ	115.6610, 15.2170, 27.0970

Conversions

Conversions Part 2

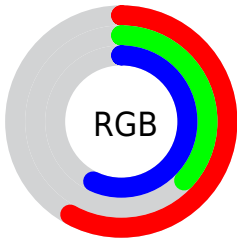
Format	Color
R_{YB}	147, 94, 145
Decimal	9658001
CIE _{Lab}	47.30, 30.11, -19.25
CIE _{LCh}	47, 35.737, 327.401
Yxy	16.2528, 0.3194, 0.2455
Android (android.graphics.Color)	4287848081 (0xFF935E91)
YUV	115.6610, 14.4641, 27.4843
Hunter-Lab	40.3147, 23.0772, -14.1508

Details

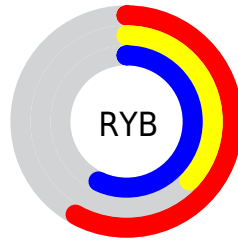
The Hex color **935E91** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5E9360**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **CA91C7**, and **5F2E5E** is the 20% darker color. If you saturate the color by 10%, you get **934F90**, and if you desaturate by 10%, it is **936D92**.

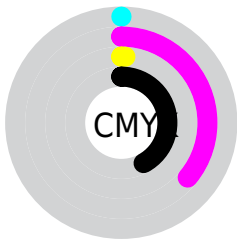
Distribution



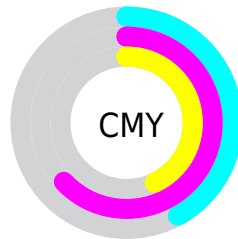
- Red (58%)
- Green (37%)
- Blue (57%)



- Red (58%)
- Yellow (37%)
- Blue (57%)



- Cyan (0%)
- Magenta (36%)
- Yellow (1%)
- Black (42%)



- Cyan (42%)
- Magenta (63%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 935E91 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 935E91 by changing the saturation by 10% instead.

935E91

935E91

FFFFFF

794677

CA91C7

5F2E5E

E6ACE3

461747

FFC8FF

2F0030

FFE4FF

19001B

000000

935E91

935E91

934F90

936D92

934190

937B92

93328F

938A93

93238F

939993

93158E

93A894

93068E

93B694

93008D

93C595

93D495

93E296

Harmonies

Analogous

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



6E69A6



935E91



A65774

Triad

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



935E91



856E33



007F8B

Complementary

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



935E91



5E9360

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.



007F6C



935E91



667739

Square

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



935E91



9C633E



417D4F



007CA2

Rectangle

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



935E91



A95860



417D4F



008081

Sweetspot

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



935E91



BFAABE



605E93



615460



E0E0E0



616161

Same Dimension

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



935E91



BF6DBC



935E77



4A434A



8A0085



0A000A

Inverse Universe

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



935E91



BF6DBC



5E937A



4A434A



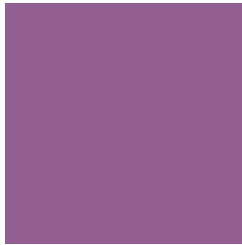
8A0085



0A000A

Previews

White Background



This preview shows how the Hex color 935E91 looks on a white background.

Color Contrast Check

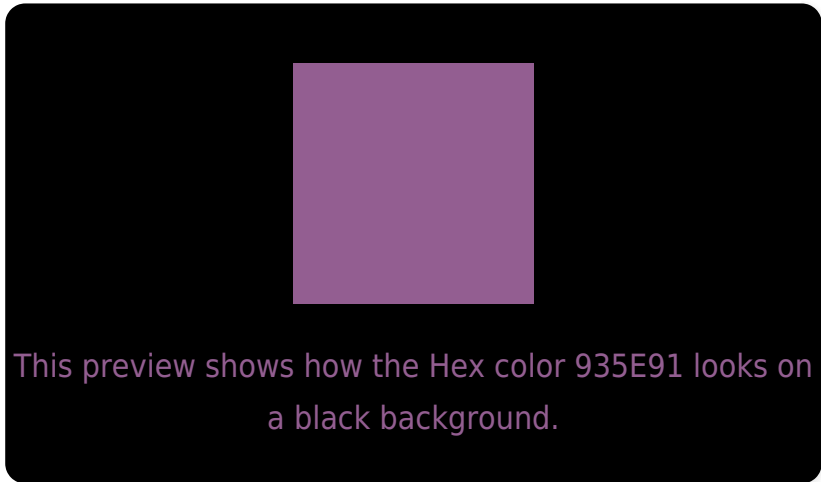
Large Text (above 18pt) WCAG AA ✓ Pass

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

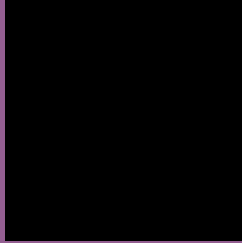
Any Text WCAG AA × Fail

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 935E91 Background



This preview shows how black text looks on a background with the Hex color 935E91.



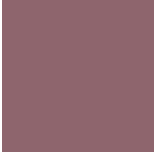
This preview shows how white text looks on a background with the Hex color 935E91.

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
8E656D

Trichromacy



Original Color
935E91

Protanomaly
746999

Deuteranomaly
7A688F

Tritanomaly
90627A

Monochromacy



Original Color
935E91

Achromatopsia
747474

Achromatomaly
7F6C7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 935E91 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 #935E91 looks like.

```
.text, #text, p{  
    color:#935E91  
}
```

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 #935E91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #935E91
}
```

Border

The CSS property to change the border of an element to Hex 935E91 is called "border". The border property can be set on classes, ids or directly on the HTML element.

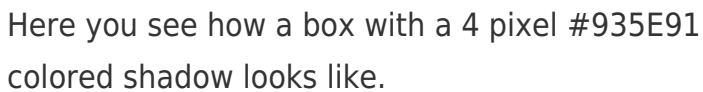
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#935E91 }
```

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

```
.border{ border-color:#935E91 }
```

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



Here you see how a box with a 4 pixel #935E91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #935E91; -webkit-box-shadow:4px 4px  
4px 4px #935E91; box-shadow:4px 4px 4px  
4px #935E91 }
```

Background

The CSS property to change the background color of an element to Hex 935E91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#935E91 }
```

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

```
.background{ background-color:#935E91 }
```

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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