

# Converting Colors

Hex(937D91)

Have a look what the booklet for  
Hex(937D91) contains.

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**Color**

**Hex(937D91)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	937D91
RGB	147, 125, 145
RGB Percent	58%, 49%, 57%
CMY	0.4235, 0.5098, 0.4314
CMYK	0.00, 0.15, 0.01, 0.42
HSL	305°, 9%, 53%
HSV	305°, 15%, 58%
XYZ	24.4771, 22.9146, 29.9209
YIQ	133.8580, 6.6920, 10.8840

# Conversions

## Conversions Part 2

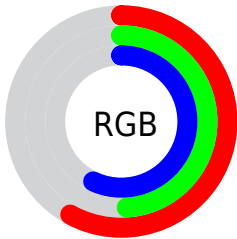
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 125, 145
Decimal	9665937
CIE <sub>Lab</sub>	54.98, 12.14, -7.64
CIE <sub>LCh</sub>	55, 14.347, 327.821
Yxy	22.9146, 0.3166, 0.2964
Android (android.graphics.Color)	4287856017 (0xFF937D91)
YUV	133.8580, 5.4930, 11.5255
Hunter-Lab	47.8692, 7.5017, -3.5511

# Details

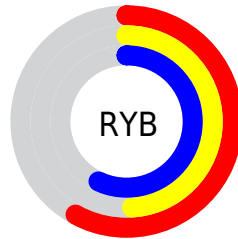
The Hex color **937D91** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7D937F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **C9B2C7**, and **604C5F** is the 20% darker color. If you saturate the color by 10%, you get **936E90**, and if you desaturate by 10%, it is **938C92**.

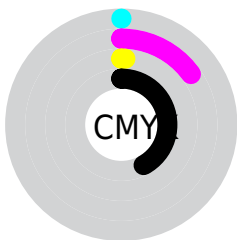
# Distribution



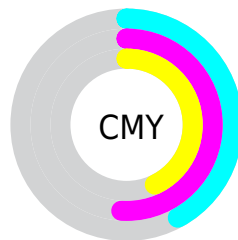
- Red (58%)
- Green (49%)
- Blue (57%)



- Red (58%)
- Yellow (49%)
- Blue (57%)



- Cyan (0%)
- Magenta (15%)
- Yellow (1%)
- Black (42%)



- Cyan (42%)
- Magenta (51%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 937D91 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 937D91 by changing the saturation by 10% instead.





937D91



937D91

FFFFFF



796477



C9B2C7



604C5F



E5CDE3



483547



FFE9FF



322031



1D091C



000000



937D91



937D91



936E90



938C92



93608E



939A94

93518D

93A995

93428C

93B896

93348A

93C798

932589

93D599

931688

93E49A

930786

93F39C

930086

93FF9D

# Harmonies

## Analogous

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



858199



937D91



9C7B85

# Triad

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



937D91



8E826B



628A8F

# Complementary

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



937D91



7D937F

# 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.



678B82



937D91



81866E

# Square

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



937D91



997E6F



738976



678898

# Rectangle

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



937D91



9E7B7D



738976



638B8B



# Sweetspot

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



937D91



BFB8BF



7F7D93



615C60



E0E0E0



616161



# Same Dimension

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



937D91



BF9DBC



937D86



4A4349



8A007D



0A0009



# Inverse Universe

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



937D91



BF9DBC



7D938A



4A4349



8A007D

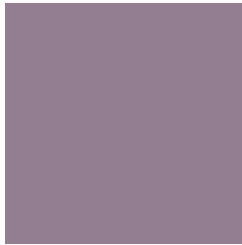


0A0009



# Previews

## White Background



This preview shows how the Hex color 937D91 looks on a white 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

# Black Background



This preview shows how the Hex color 937D91 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

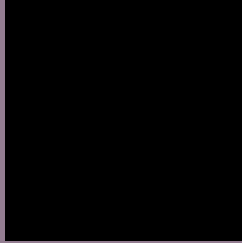
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 937D91 Background



This preview shows how black text looks on a background with the Hex color 937D91.



This preview shows how white text looks on a background with the Hex color 937D91.

# 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



**Original Color**  
937D91

**Protanopia**  
818395

**Deuteranopia**  
8B8090



**Tritanopia**  
927E88

# Trichromacy



**Original Color**  
937D91

**Protanomaly**  
888194

**Deuteranomaly**  
8E7F90

**Tritanomaly**  
927E8B

# Monochromacy



**Original Color**  
937D91

**Achromatopsia**  
868686

**Achromatomaly**  
8B838A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 937D91 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 #937D91 looks like.

```
.text, #text, p{  
    color:#937D91  
}
```

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 #937D91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937D91
}
```

## Border

The CSS property to change the border of an element to Hex 937D91 is called "border". The border property can be set on classes, ids or directly on the HTML element.

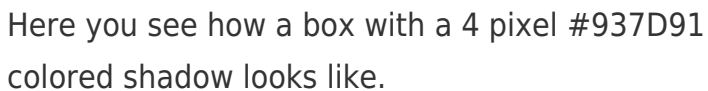
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#937D91 }
```

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

```
.border{ border-color:#937D91 }
```

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



Here you see how a box with a 4 pixel #937D91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937D91; -webkit-box-shadow:4px 4px  
4px 4px #937D91; box-shadow:4px 4px 4px  
4px #937D91 }
```

# Background

The CSS property to change the background color of an element to Hex 937D91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937D91 }
```

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

```
.background{ background-color:#937D91 }
```

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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