

Converting Colors

Hex(937EA1)

Have a look what the booklet for
Hex(937EA1) contains.

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Color

Hex(937EA1)

Conversions

Conversions Part 1

Format	Color
Hex	937EA1
RGB	147, 126, 161
RGB Percent	58%, 49%, 63%
CMY	0.4235, 0.5059, 0.3686
CMYK	0.09, 0.22, 0.00, 0.37
HSL	276°, 16%, 56%
HSV	276°, 22%, 63%
XYZ	25.9265, 23.6980, 36.9259
YIQ	136.2690, 1.2810, 15.3370

Conversions

Conversions Part 2

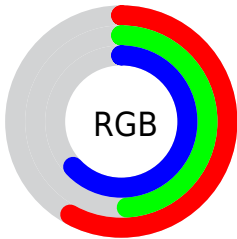
Format	Color
R_{YB}	147, 126, 161
Decimal	9666209
CIE _{Lab}	55.78, 14.85, -15.71
CIE _{LCh}	56, 21.618, 313.404
Yxy	23.6980, 0.2996, 0.2738
Android (android.graphics.Color)	4287856289 (0xFF937EA1)
YUV	136.2690, 12.1924, 9.4111
Hunter-Lab	48.6806, 9.8753, -10.8972

Details

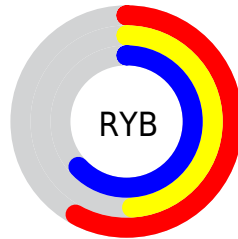
The Hex color **937EA1** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **8CA17E**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **C9B3D8**, and **604D6D** is the 20% darker color. If you saturate the color by 10%, you get **8D6EA1**, and if you desaturate by 10%, it is **998EA1**.

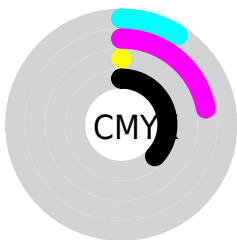
Distribution



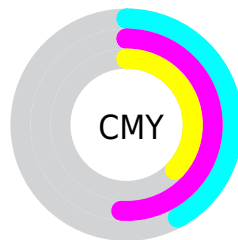
- Red (58%)
- Green (49%)
- Blue (63%)



- Red (58%)
- Yellow (49%)
- Blue (63%)



- Cyan (9%)
- Magenta (22%)
- Yellow (0%)
- Black (37%)



- Cyan (42%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 937EA1 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 937EA1 by changing the saturation by 10% instead.

■ 937EA1

■ 937EA1

FFFFFF

■ 796587

■ C9B3D8

■ 604D6D

■ E5CEF4

■ 483655

■ FFE8FF

■ 31203E

■ 1C0B28

■ 000112

■ 000000

■ 937EA1

■ 937EA1

■ 8D6EA1

■ 998EA1

865EA1

A09EA1

804EA1

A6AEA1

793EA1

ADBEA1

732EA1

B3CFA1

6C1DA1

BADFA1

660DA1

C0EFA1

6100A1

C7FFA1

CDFFA1

Harmonies

Analogous

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



7A85AA



937EA1



A47991

Triad

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



937EA1



9D8162



51908E

Complementary

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



937EA1



8CA17E

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.



618F7A



937EA1



8B8761

Square

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



937EA1



A97B6D



768C6A



508F9F

Rectangle

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



937EA1



AA7884



768C6A



559087

Sweetspot

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



937EA1



CBC2D1



7E8CA1



656069



E8E8E8



696969

Same Dimension

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



937EA1



BB9BD1



A17E9E



4E4952



570091



0B0012

Inverse Universe

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



A17E8C



D19BB0



7EA182



52494D



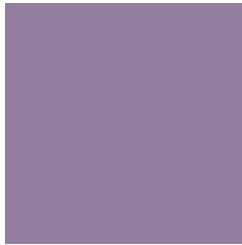
91003A



120007

Previews

White Background



This preview shows how the Hex color 937EA1 looks on a white background.

Color Contrast Check

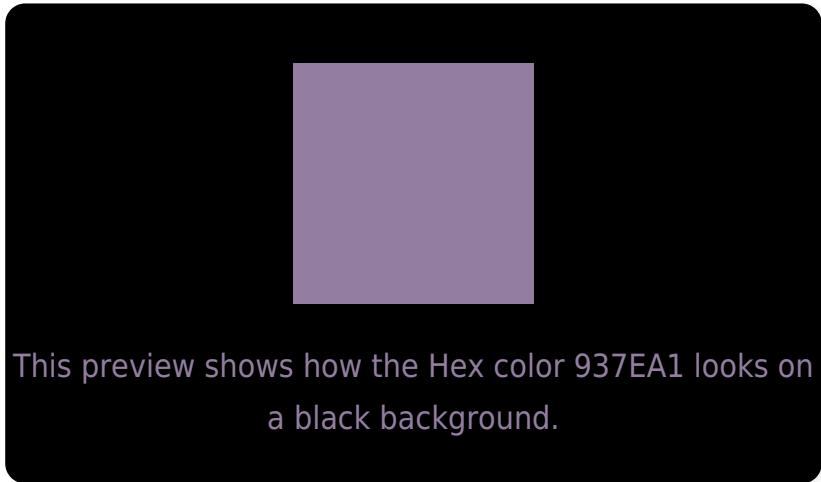
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

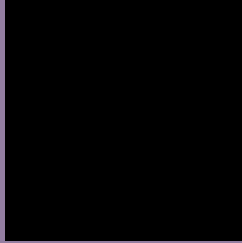
Any Text WCAG AA ✓ Pass

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 937EA1 Background



This preview shows how black text looks on a background with the Hex color 937EA1.

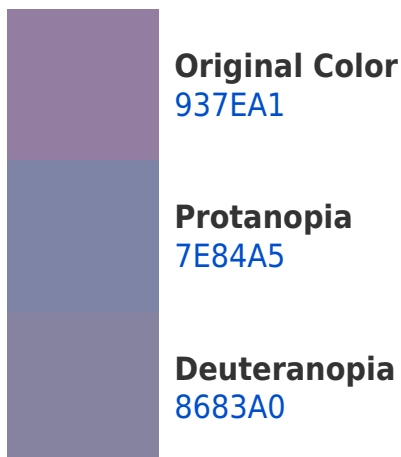



This preview shows how white text looks on a background with the Hex color 937EA1.

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
90828C

Trichromacy



Original Color
937EA1

Protanomaly
8682A4

Deuteranomaly
8B81A0

Tritanomaly
918194

Monochromacy



Original Color
937EA1

Achromatopsia
888888

Achromatomaly
8C8491

CSS Examples

Text

The CSS property to change the color of the text to Hex 937EA1 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 #937EA1 looks like.

```
.text, #text, p{  
    color:#937EA1  
}
```

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 #937EA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937EA1
}
```

Border

The CSS property to change the border of an element to Hex 937EA1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

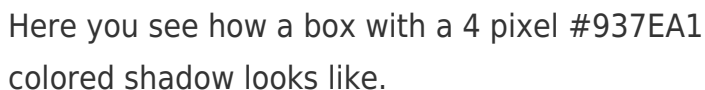
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#937EA1 }
```

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

```
.border{ border-color:#937EA1 }
```

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



Here you see how a box with a 4 pixel #937EA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937EA1; -webkit-box-shadow:4px 4px  
4px 4px #937EA1; box-shadow:4px 4px 4px  
4px #937EA1 }
```

Background

The CSS property to change the background color of an element to Hex 937EA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937EA1 }
```

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

```
.background{ background-color:#937EA1 }
```

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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