

Converting Colors

Hex(942A9A)

Have a look what the booklet for
Hex(942A9A) contains.

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Color

Hex(942A9A)

Conversions

Conversions Part 1

Format	Color
Hex	942A9A
RGB	148, 42, 154
RGB Percent	58%, 16%, 60%
CMY	0.4196, 0.8353, 0.3961
CMYK	0.04, 0.73, 0.00, 0.40
HSL	297°, 57%, 38%
HSV	297°, 73%, 60%
XYZ	18.8734, 10.2849, 31.5623
YIQ	86.4620, 27.2240, 57.3040

Conversions

Conversions Part 2

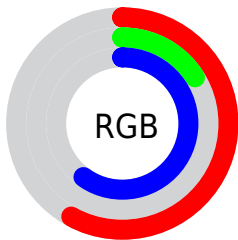
Format	Color
R_{YB}	148, 42, 154
Decimal	9710234
CIE _{Lab}	38.35, 57.44, -38.66
CIE _{LCh}	38, 69.237, 326.059
Yxy	10.2849, 0.3108, 0.1694
Android (android.graphics.Color)	4287900314 (0xFF942A9A)
YUV	86.4620, 33.2962, 53.9688
Hunter-Lab	32.0701, 48.9255, -35.9021

Details

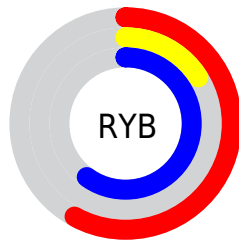
The Hex color **942A9A** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **309A2A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **CD62D1**, and **5D0066** is the 20% darker color. If you saturate the color by 10%, you get **931B9A**, and if you desaturate by 10%, it is **95399A**.

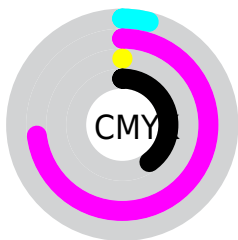
Distribution



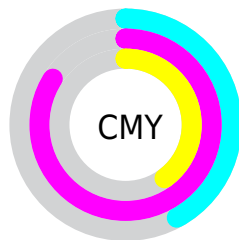
- Red (58%)
- Green (16%)
- Blue (60%)



- Red (58%)
- Yellow (16%)
- Blue (60%)



- Cyan (4%)
- Magenta (73%)
- Yellow (0%)
- Black (40%)



- Cyan (42%)
- Magenta (84%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 942A9A 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 942A9A by changing the saturation by 10% instead.

942A9A

942A9A

FFFFFF

780180

CD62D1

5D0066

EA7DED

43004E

FF99FF

2B0036

FFB5FF

000020

FFD2FF

000003

FFEFFF

000000

942A9A

942A9A

931B9A

95399A

920B9A

96499A

92009A

96589A

97689A

98779A

99869A

9A969A

9BA59A

9BB59A

Harmonies

Analogous

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



3A4FC1



942A9A



B50064

Triad

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



942A9A



755600



00718B

Complementary

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



942A9A



309A2A

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.



007151



942A9A



3F6500

Square

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



942A9A



9E3B00



006D10



006EB8

Rectangle

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



942A9A



B9003F



006D10



007178

Sweetspot

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



942A9A



C79DC9



2A319A



654B66



E6E6E6



666666

Same Dimension

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



942A9A



C01AC9



9A2A69



4C454D



85008C



0C000D

Inverse Universe

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



9A2A30



C91A24



2A9A5B



4D4545



8C0008



0D0001

Previews

White Background



This preview shows how the Hex color 942A9A looks on a white background.

Color Contrast Check

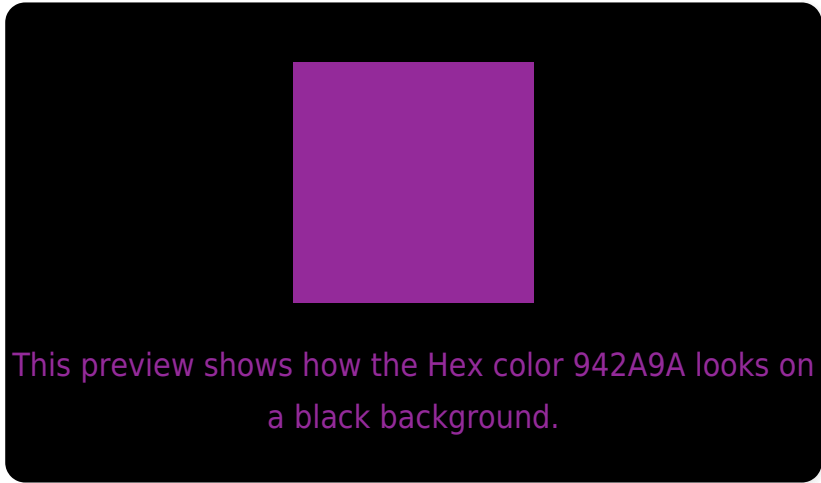
Large Text (above 18pt) WCAG AA ✓ Pass

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

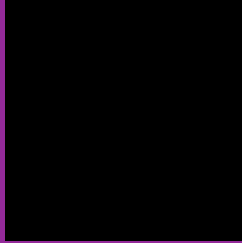
Any Text WCAG AA × Fail

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 942A9A Background



This preview shows how black text looks on a background with the Hex color 942A9A.

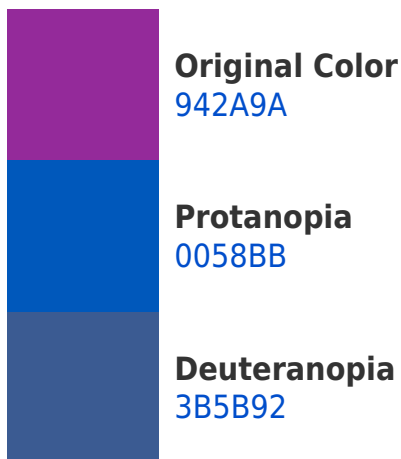


This preview shows how white text looks on a background with the Hex color 942A9A.

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
8B464B

Trichromacy



Original Color

942A9A



Protanomaly

3647AF



Deuteranomaly

5B4995



Tritanomaly

8E3C68

Monochromacy



Original Color

942A9A



Achromatopsia

565656



Achromatomaly

6D466F

CSS Examples

Text

The CSS property to change the color of the text to Hex 942A9A 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 #942A9A looks like.

```
.text, #text, p{  
    color:#942A9A  
}
```

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 #942A9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #942A9A
}
```

Border

The CSS property to change the border of an element to Hex 942A9A is called "border". The border property can be set on classes, ids or directly on the HTML element.

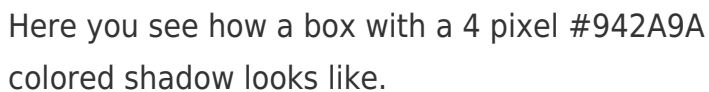
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#942A9A }
```

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

```
.border{ border-color:#942A9A }
```

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



Here you see how a box with a 4 pixel #942A9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #942A9A; -webkit-box-shadow:4px 4px  
4px 4px #942A9A; box-shadow:4px 4px 4px  
4px #942A9A }
```

Background

The CSS property to change the background color of an element to Hex 942A9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#942A9A }
```

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

```
.background{ background-color:#942A9A }
```

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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