

Converting Colors

Hex(902EA4)

Have a look what the booklet for
Hex(902EA4) contains.

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Color

Hex(902EA4)

Conversions

Conversions Part 1

Format	Color
Hex	902EA4
RGB	144, 46, 164
RGB Percent	56%, 18%, 64%
CMY	0.4353, 0.8196, 0.3569
CMYK	0.12, 0.72, 0.00, 0.36
HSL	290°, 56%, 41%
HSV	290°, 72%, 64%
XYZ	19.1794, 10.5636, 36.1501
YIQ	88.7540, 20.5300, 57.4740

Conversions

Conversions Part 2

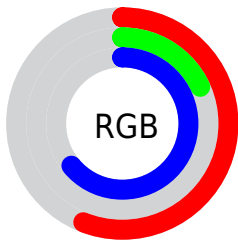
Format	Color
R_{YB}	144, 46, 164
Decimal	9449124
CIE _{Lab}	38.84, 56.91, -43.94
CIE _{LCh}	39, 71.902, 322.326
Yxy	10.5636, 0.2911, 0.1603
Android (android.graphics.Color)	4287639204 (0xFF902EA4)
YUV	88.7540, 37.0963, 48.4507
Hunter-Lab	32.5017, 48.4558, -43.1942

Details

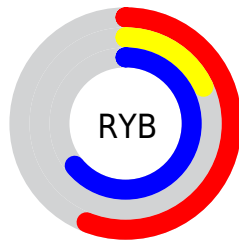
The Hex color **902EA4** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **42A42E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **C965DC**, and **59006F** is the 20% darker color. If you saturate the color by 10%, you get **8D1EA4**, and if you desaturate by 10%, it is **933EA4**.

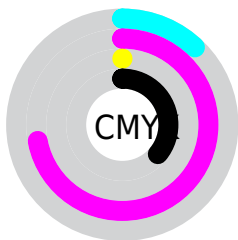
Distribution



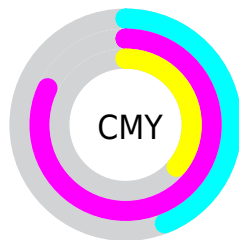
- Red (56%)
- Green (18%)
- Blue (64%)



- Red (56%)
- Yellow (18%)
- Blue (64%)



- Cyan (12%)
- Magenta (72%)
- Yellow (0%)
- Black (36%)



- Cyan (44%)
- Magenta (82%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 902EA4 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 902EA4 by changing the saturation by 10% instead.

 902EA4

 902EA4

FFFFFF

 740A89

 C965DC

 59006F

 E680F8

 3F0056

 FF9CFF

 27003F

 FFB8FF

 000027

 FFD4FF

 000111

 FFF2FF

 000000

 902EA4

 902EA4

 8D1EA4

 933EA4

 8A0DA4

 964FA4

 8800A4

 985FA4

 9B70A4

 9E80A4

 A190A4

 A3A1A4

 A6B1A4

 A9C2A4

Harmonies

Analogous

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



1153C9



902EA4



B8006D

Triad

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



902EA4



7D5400



007387

Complementary

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



902EA4



42A42E

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.



00724A



902EA4



476500

Square

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



902EA4



A53500



006E00



0071B8

Rectangle

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



902EA4



BE0046



006E00



007373

Sweetspot

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



902EA4



CEA7D6



2E44A4



664F6B



EBEBEB



6B6B6B

Same Dimension

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



902EA4



B71ED6



A42E7F



504952



790091



0F0012

Inverse Universe

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



A42E42



D61E3D



2EA453



52494B



910019



120003

Previews

White Background



This preview shows how the Hex color 902EA4 looks on a white background.

Color Contrast Check

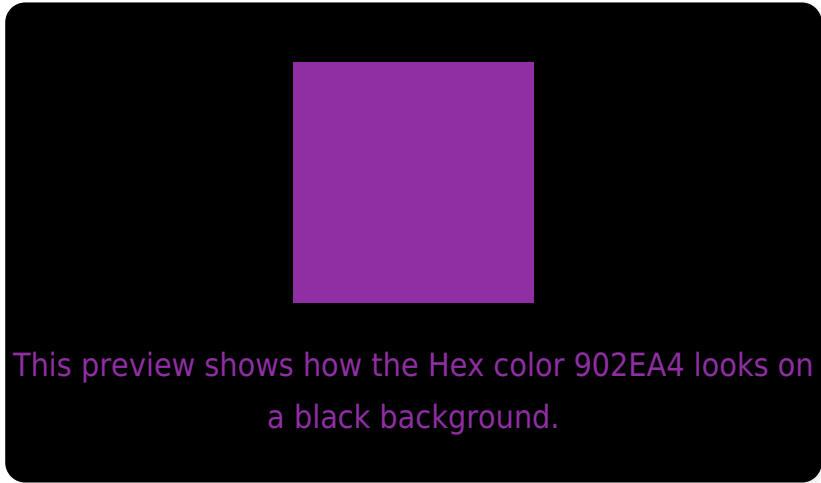
Large Text (above 18pt) WCAG AA ✓ Pass

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

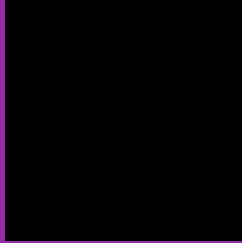
Any Text WCAG AA × Fail

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 902EA4 Background



This preview shows how black text looks on a background with the Hex color 902EA4.

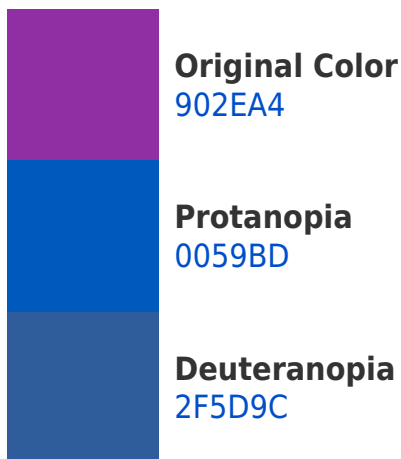


This preview shows how white text looks on a background with the Hex color 902EA4.

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
854B51

Trichromacy



Original Color
902EA4



Protanomaly
3449B4



Deuteranomaly
524C9F



Tritanomaly
89406F

Monochromacy



Original Color
902EA4



Achromatopsia
595959



Achromatomaly
6D4974

CSS Examples

Text

The CSS property to change the color of the text to Hex 902EA4 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 #902EA4 looks like.

```
.text, #text, p{  
    color:#902EA4  
}
```

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 #902EA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #902EA4
}
```

Border

The CSS property to change the border of an element to Hex 902EA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

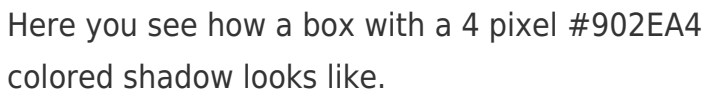
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#902EA4 }
```

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

```
.border{ border-color:#902EA4 }
```

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



Here you see how a box with a 4 pixel #902EA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #902EA4; -webkit-box-shadow:4px 4px  
4px 4px #902EA4; box-shadow:4px 4px 4px  
4px #902EA4 }
```

Background

The CSS property to change the background color of an element to Hex 902EA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#902EA4 }
```

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

```
.background{ background-color:#902EA4 }
```

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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