

# Converting Colors

Hex(921F72)

Have a look what the booklet for  
Hex(921F72) contains.

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# Color

**Hex(921F72)**

# Conversions

## Conversions Part 1

Format	Color
Hex	921F72
RGB	146, 31, 114
RGB Percent	57%, 12%, 45%
CMY	0.4275, 0.8784, 0.5529
CMYK	0.00, 0.79, 0.22, 0.43
HSL	317°, 65%, 35%
HSV	317°, 79%, 57%
XYZ	15.3813, 8.3059, 16.7121
YIQ	74.8470, 41.8970, 50.1930

# Conversions

## Conversions Part 2

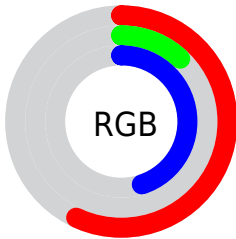
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 31, 114
Decimal	9576306
CIE <sub>Lab</sub>	34.61, 54.32, -19.82
CIE <sub>LCh</sub>	35, 57.820, 339.952
Yxy	8.3059, 0.3807, 0.2056
Android (android.graphics.Color)	4287766386 (0xFF921F72)
YUV	74.8470, 19.3024, 62.4012
Hunter-Lab	28.8199, 44.8314, -14.2072

# Details

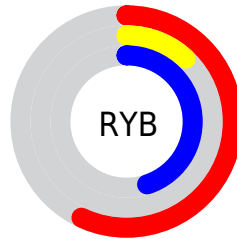
The Hex color **921F72** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **1F923F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **CB59A6**, and **5B0042** is the 20% darker color. If you saturate the color by 10%, you get **92106E**, and if you desaturate by 10%, it is **922E76**.

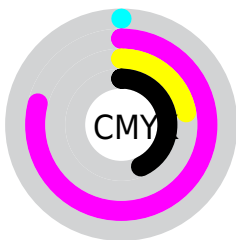
# Distribution



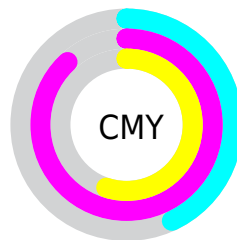
- Red (57%)
- Green (12%)
- Blue (45%)



- Red (57%)
- Yellow (12%)
- Blue (45%)



- Cyan (0%)
- Magenta (79%)
- Yellow (22%)
- Black (43%)



- Cyan (43%)
- Magenta (88%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 921F72 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 921F72 by changing the saturation by 10% instead.



921F72

921F72

FFFFFF

760059

CB59A6

5B0042

E874C1

41002B

FF8FDD

280016

FFABFA

000000

FFC8FF

FFE5FF

921F72

921F72

92106E

922E76

92026A

923C7A

920069

924B7E

925982

926886

92778A

92858E

929493

92A297

# Harmonies

## Analogous

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



643D99



921F72



A11044

# Triad

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



921F72



565400



00648C

# Complementary

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



921F72



1F923F

# 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.



006560



921F72



1E5E00

# Square

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



921F72



7C4300



006330



005FA9

# Rectangle

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



921F72



9C2027



006330



00657E



# Sweetspot

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



921F72



BD8FB0



3E1F92



5E4357



DEDEDE



5E5E5E



# Same Dimension

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



921F72



BD098B



921F3A



4A4348



8A0063



0A0007



# Inverse Universe

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



921F72



BD098B



1F9277



4A4348



8A0063



0A0007



# Previews

## White Background



This preview shows how the Hex color 921F72 looks on a white background.

## Color Contrast Check

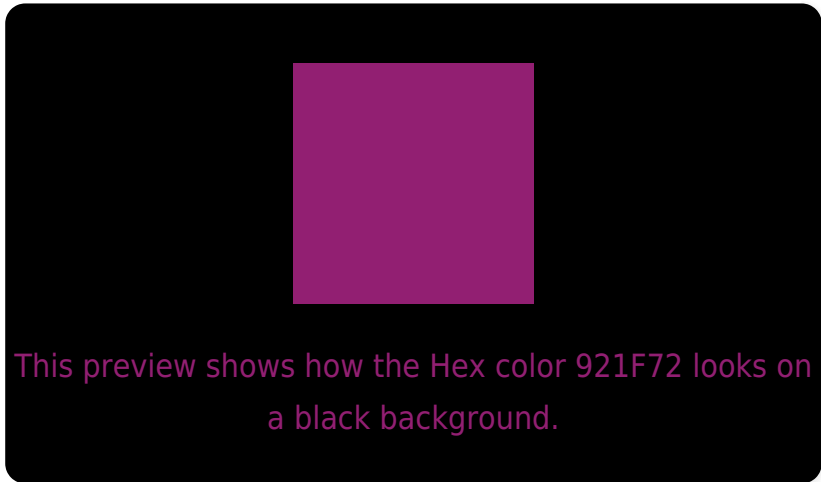
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

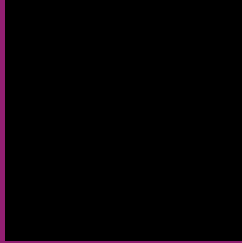
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 921F72 Background



This preview shows how black text looks on a background with the Hex color 921F72.

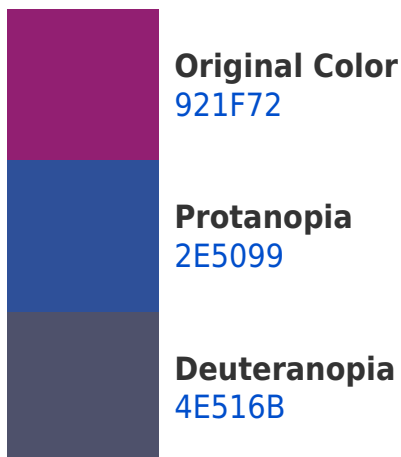



This preview shows how white text looks on a background with the Hex color 921F72.

# 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**  
8D3437

# Trichromacy



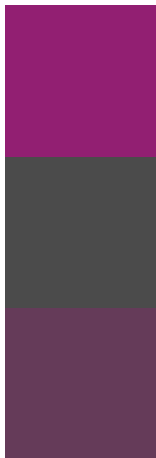
**Original Color**  
921F72

**Protanomaly**  
523E8B

**Deuteranomaly**  
673F6E

**Tritanomaly**  
8F2C4C

# Monochromacy



**Original Color**  
921F72

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
653B59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 921F72 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 #921F72 looks like.

```
.text, #text, p{  
    color:#921F72  
}
```

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 #921F72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #921F72  
}
```

## Border

The CSS property to change the border of an element to Hex 921F72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

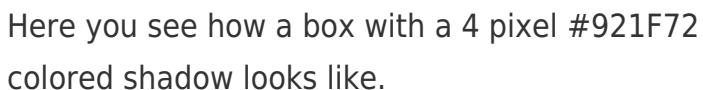
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#921F72 }
```

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

```
.border{ border-color:#921F72 }
```

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



Here you see how a box with a 4 pixel #921F72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #921F72; -webkit-box-shadow:4px 4px  
4px 4px #921F72; box-shadow:4px 4px 4px  
4px #921F72 }
```

# Background

The CSS property to change the background color of an element to Hex 921F72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#921F72 }
```

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

```
.background{ background-color:#921F72 }
```

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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