

Converting Colors

Hex(901F66)

Have a look what the booklet for
Hex(901F66) contains.

Hex(901F66)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(901F66)

Conversions

Conversions Part 1

Format	Color
Hex	901F66
RGB	144, 31, 102
RGB Percent	56%, 12%, 40%
CMY	0.4353, 0.8784, 0.6000
CMYK	0.00, 0.78, 0.29, 0.44
HSL	322°, 65%, 34%
HSV	322°, 78%, 56%
XYZ	14.3899, 7.8686, 13.3307
YIQ	72.8810, 44.5570, 46.0370

Conversions

Conversions Part 2

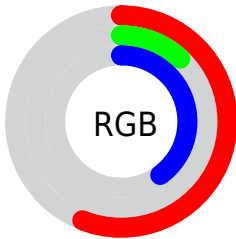
Format	Color
R_{YB}	144, 31, 102
Decimal	9445222
CIE _{Lab}	33.71, 52.23, -13.61
CIE _{LCh}	34, 53.973, 345.397
Yxy	7.8686, 0.4043, 0.2211
Android (android.graphics.Color)	4287635302 (0xFF901F66)
YUV	72.8810, 14.3557, 62.3714
Hunter-Lab	28.0510, 42.4794, -8.5408

Details

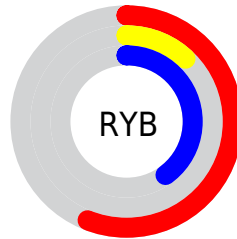
The Hex color **901F66** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **1F9049**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **C95899**, and **590037** is the 20% darker color. If you saturate the color by 10%, you get **901161**, and if you desaturate by 10%, it is **902D6B**.

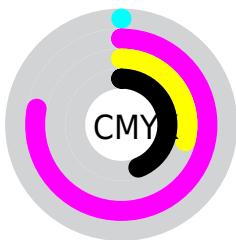
Distribution



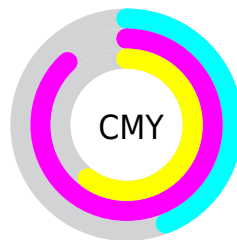
- Red (56%)
- Green (12%)
- Blue (40%)



- Red (56%)
- Yellow (12%)
- Blue (40%)



- Cyan (0%)
- Magenta (78%)
- Yellow (29%)
- Black (44%)



- Cyan (44%)
- Magenta (88%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 901F66 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 901F66 by changing the saturation by 10% instead.

901F66

901F66

FFFFFF

74004E

C95899

590037

E773B4

3F0022

FF8ECF

250008

FFAAEC

000000

FFC6FF

FFE3FF

901F66

901F66

901161

902D6B

90025B

903C71

90005A

904A76

90597B

906781

907586

90848B

909291

90A196

Harmonies

Analogous

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



6B388C



901F66



991A3B

Triad

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



901F66



4D5400



00608C

Complementary

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



901F66



1F9049

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.



006265



901F66



115C06

Square

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



901F66



724600



006138



005AA3

Rectangle

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



901F66



932820



006138



006180

Sweetspot

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



901F66



BA8DAA



481F90



5E4354



DEDEDE



5E5E5E

Same Dimension

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



901F66



BA0B79



901F2E



474045



870055



080005

Inverse Universe

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



901F66



BA0B79



1F9081



474045



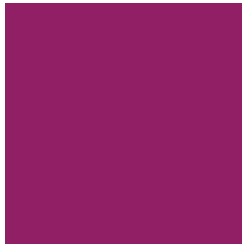
870055



080005

Previews

White Background



This preview shows how the Hex color 901F66 looks on a white background.

Color Contrast Check

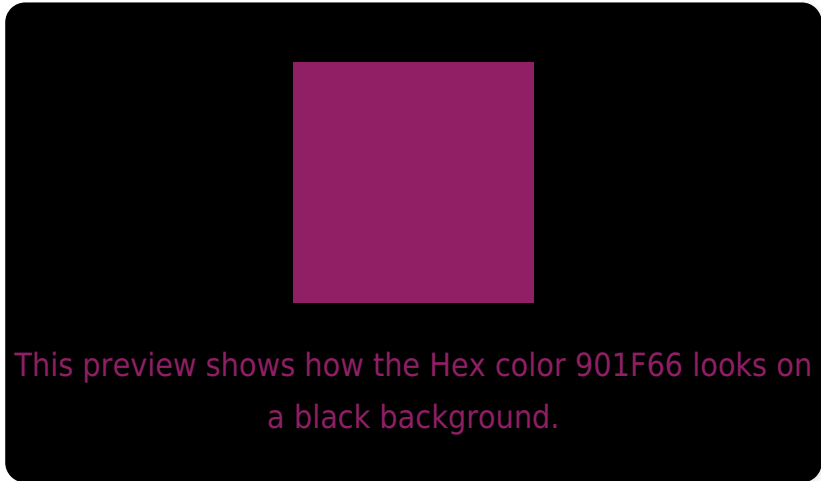
Large Text (above 18pt) WCAG AA ✓ Pass

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

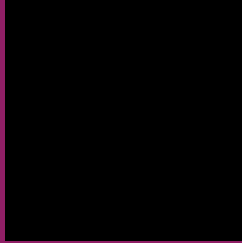
Any Text WCAG AA × Fail

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 901F66 Background



This preview shows how black text looks on a background with the Hex color 901F66.



This preview shows how white text looks on a background with the Hex color 901F66.

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
901F66

Protanopia
384F89

Deuteranopia
514F60



Tritanopia
8C3033

Trichromacy



Original Color
901F66

Protanomaly
583E7C

Deuteranomaly
683E62

Tritanomaly
8D2A46

Monochromacy



Original Color
901F66

Achromatopsia
494949

Achromatomaly
633A54

CSS Examples

Text

The CSS property to change the color of the text to Hex 901F66 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 #901F66 looks like.

```
.text, #text, p{  
    color:#901F66  
}
```

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 #901F66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #901F66 }  
}
```

Border

The CSS property to change the border of an element to Hex 901F66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

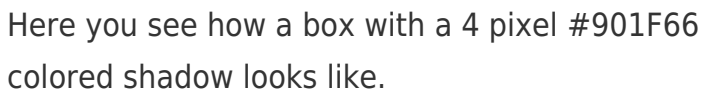
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #901F66 }  
}
```

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

```
.border{ border-color:#901F66 }
```

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



Here you see how a box with a 4 pixel #901F66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #901F66; -webkit-box-shadow:4px 4px  
4px 4px #901F66; box-shadow:4px 4px 4px  
4px #901F66 }
```

Background

The CSS property to change the background color of an element to Hex 901F66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#901F66 }
```

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

```
.background{ background-color:#901F66 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor