

# Converting Colors

Hex(9F2B68)

Have a look what the booklet for  
Hex(9F2B68) contains.

<b>Hex(9F2B68)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9F2B68)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F2B68
RGB	159, 43, 104
RGB Percent	62%, 17%, 41%
CMY	0.3765, 0.8314, 0.5922
CMYK	0.00, 0.73, 0.35, 0.38
HSL	328°, 57%, 40%
HSV	328°, 73%, 62%
XYZ	17.6606, 10.0982, 14.1150
YIQ	84.6380, 49.5550, 43.5630

# Conversions

## Conversions Part 2

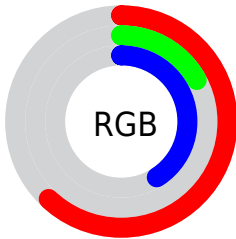
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 43, 104
Decimal	10431336
CIE <sub>Lab</sub>	38.02, 52.48, -8.09
CIE <sub>LCh</sub>	38, 53.099, 351.240
Yxy	10.0982, 0.4218, 0.2412
Android (android.graphics.Color)	4288621416 (0xFF9F2B68)
YUV	84.6380, 9.5455, 65.2155
Hunter-Lab	31.7776, 43.5919, -4.0912

# Details

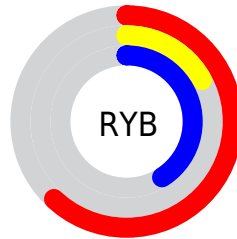
The Hex color **9F2B68** is a dark color, and the websafe version is hex **993366**, and the color name is **amaranth deep purple**. A complement of this color would be **2B9F62**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **D9639B**, and **670039** is the 20% darker color. If you saturate the color by 10%, you get **9F1B60**, and if you desaturate by 10%, it is **9F3B70**.

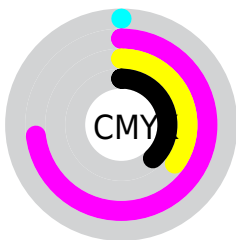
# Distribution



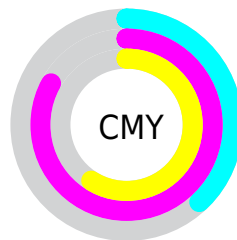
- Red (62%)
- Green (17%)
- Blue (41%)



- Red (62%)
- Yellow (17%)
- Blue (41%)



- Cyan (0%)
- Magenta (73%)
- Yellow (35%)
- Black (38%)



- Cyan (38%)
- Magenta (83%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F2B68 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 9F2B68 by changing the saturation by 10% instead.



 9F2B68

 9F2B68

FFFFFF

 830450

 D9639B

 670039

 F77EB6

 4C0024

 FF99D2

 34000D

 FFB5EE

 020000

 FFD2FF

 000000

 FFEFFF

 9F2B68

 9F2B68

 9F1B60

 9F3B70

 9F0B59

 9F4B77

 9F0054

 9F5B7F

 9F6B86

 9F7B8E

 9F8A95

 9F9A9D

 9FAAAA

 9FBAAC

# Harmonies

## Analogous

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



803E90



9F2B68



A42D3D

# Triad

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



9F2B68



506000



006A9C

# Complementary

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



9F2B68



2B9F62

# 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.



006D77



9F2B68



0A681E

# Square

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



9F2B68



775300



006C4B



0062AF

# Rectangle

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



9F2B68



9C3922



006C4B



006B91



# Sweetspot

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



9F2B68



CFA1B9



612B9F



694D5C



E8E8E8



696969



# Same Dimension

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



9F2B68



CF1978



9F2B2F



4F474B



8F004B



0F0008



# Inverse Universe

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



9F2B68



CF1978



2B9F9B



4F474B



8F004B



0F0008



# Previews

## White Background



This preview shows how the Hex color 9F2B68 looks on a white background.

## Color Contrast Check

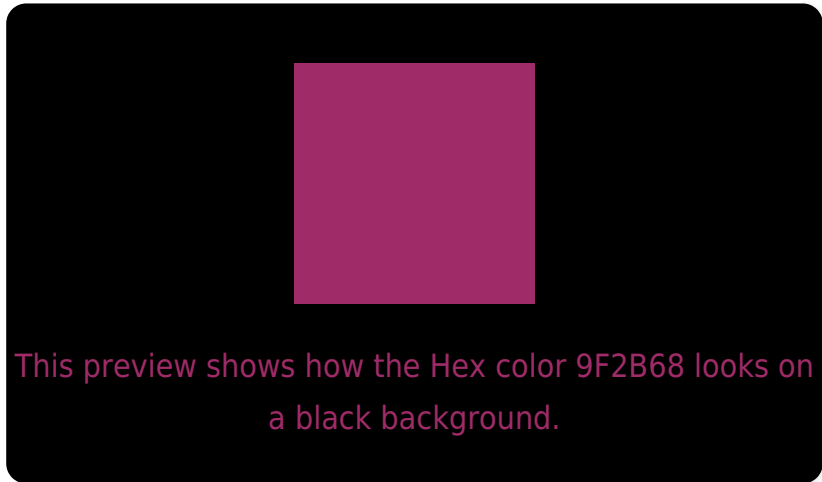
Large Text (above 18pt) WCAG AA ✓ Pass

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

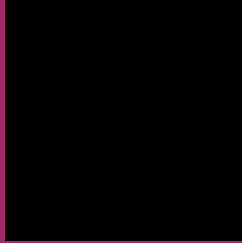
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9F2B68 Background



This preview shows how black text looks on a background with the Hex color 9F2B68.

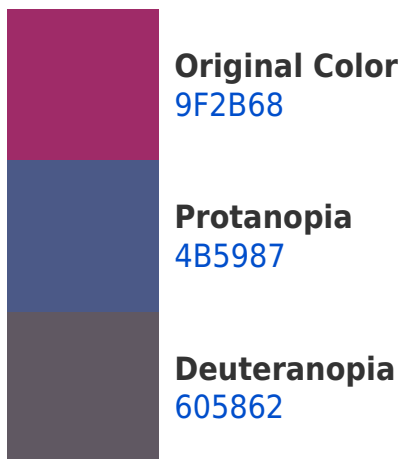



This preview shows how white text looks on a background with the Hex color 9F2B68.

# 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**  
9C373B

# Trichromacy



**Original Color**  
9F2B68

**Protanomaly**  
6A487C

**Deuteranomaly**  
774864

**Tritanomaly**  
9D334B

# Monochromacy



**Original Color**  
9F2B68

**Achromatopsia**  
555555

**Achromatomaly**  
70465C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F2B68 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 #9F2B68 looks like.

```
.text, #text, p{  
    color:#9F2B68  
}
```

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 #9F2B68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F2B68
}
```

## Border

The CSS property to change the border of an element to Hex 9F2B68 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
#9F2B68 }
```

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

```
.border{ border-color:#9F2B68 }
```

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

Here you see how a box with a 4 pixel #9F2B68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F2B68; -webkit-box-shadow:4px 4px  
4px 4px #9F2B68; box-shadow:4px 4px 4px  
4px #9F2B68 }
```

# Background

The CSS property to change the background color of an element to Hex 9F2B68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F2B68 }
```

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

```
.background{ background-color:#9F2B68 }
```

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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