

Converting Colors

Hex(90098B)

Have a look what the booklet for
Hex(90098B) contains.

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Color

Hex(90098B)

Conversions

Conversions Part 1

Format	Color
Hex	90098B
RGB	144, 9, 139
RGB Percent	56%, 4%, 55%
CMY	0.4353, 0.9647, 0.4549
CMYK	0.00, 0.94, 0.03, 0.44
HSL	302°, 88%, 30%
HSV	302°, 94%, 56%
XYZ	16.2595, 7.9887, 25.1111
YIQ	64.1850, 38.7300, 69.0500

Conversions

Conversions Part 2

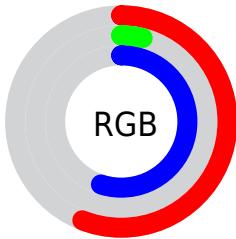
Format	Color
R_{YB}	144, 9, 139
Decimal	9439627
CIE _{Lab}	33.96, 62.22, -36.51
CIE _{LCh}	34, 72.141, 329.594
Yxy	7.9887, 0.3294, 0.1618
Android (android.graphics.Color)	4287629707 (0xFF90098B)
YUV	64.1850, 36.8838, 69.9978
Hunter-Lab	28.2644, 53.2221, -32.8904

Details

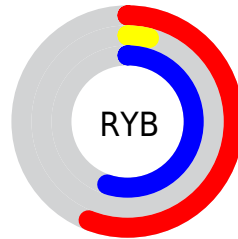
The Hex color **90098B** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **09900E**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **C94FC1**, and **590058** is the 20% darker color. If you saturate the color by 10%, you get **90008B**, and if you desaturate by 10%, it is **90178C**.

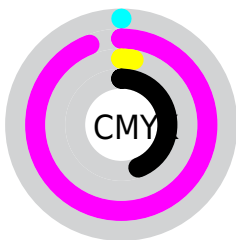
Distribution



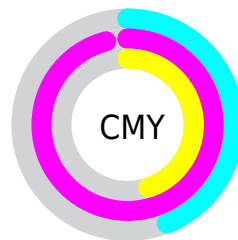
- Red (56%)
- Green (4%)
- Blue (55%)



- Red (56%)
- Yellow (4%)
- Blue (55%)



- Cyan (0%)
- Magenta (94%)
- Yellow (3%)
- Black (44%)



- Cyan (44%)
- Magenta (96%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90098B 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 90098B by changing the saturation by 10% instead.

90098B

90098B

FFFFFF

740071

C94FC1

590058

E76BDD

3F0040

FF87FA

25002A

FFA3FF

000113

FFC0FF

000000

FFDDFF

FFFBFF

90098B

90098B

■ 90008B

■ 90178C

■ 90268C

■ 90348D

■ 90438D

■ 90518E

■ 905F8E

■ 906E8F

■ 907C8F

■ 908B90

Harmonies

Analogous

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



3A40B6



90098B



AD0053

Triad

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



90098B



634E00



006688

Complementary

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



90098B



09900E

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.



00664E



90098B



275C00

Square

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



90098B



8E3200



006309



0064B4

Rectangle

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



90098B



AE002E



006309



006675

Sweetspot

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



90098B



BA86B8



0D0990



5E3E5D



DEDEDE



5E5E5E

Same Dimension

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



90098B



BA00B3



900948



474047



870082



080007

Inverse Universe

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



90098B



BA00B3



099051



474047



870082



080007

Previews

White Background



This preview shows how the Hex color 90098B looks on a white background.

Color Contrast Check

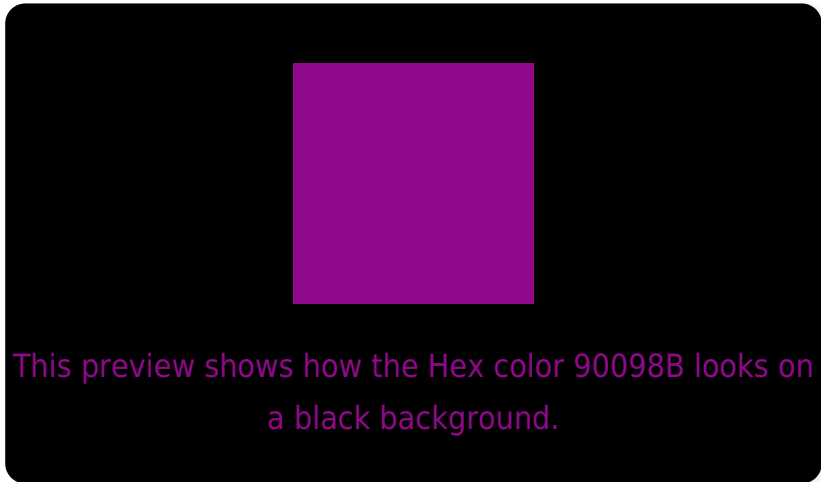
Large Text (above 18pt) WCAG AA ✓ Pass

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

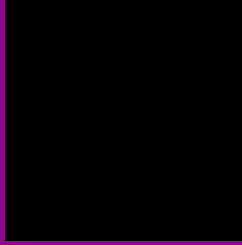
Any Text WCAG AA × Fail

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 90098B Background



This preview shows how black text looks on a background with the Hex color 90098B.



This preview shows how white text looks on a background with the Hex color 90098B.

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
88373B

Trichromacy



Original Color
90098B



Protanomaly
34369D



Deuteranomaly
573786



Tritanomaly
8B2658

Monochromacy



Original Color
90098B



Achromatopsia
404040



Achromatomaly
5D2C5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 90098B 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 #90098B looks like.

```
.text, #text, p{  
    color:#90098B  
}
```

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 #90098B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90098B
}
```

Border

The CSS property to change the border of an element to Hex 90098B is called "border". The border property can be set on classes, ids or directly on the HTML element.

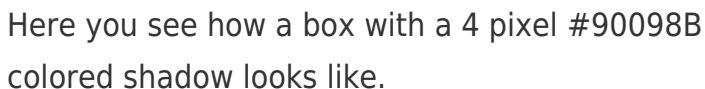
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90098B }
```

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

```
.border{ border-color:#90098B }
```

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



Here you see how a box with a 4 pixel #90098B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90098B; -webkit-box-shadow:4px 4px  
4px 4px #90098B; box-shadow:4px 4px 4px  
4px #90098B }
```

Background

The CSS property to change the background color of an element to Hex 90098B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90098B }
```

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

```
.background{ background-color:#90098B }
```

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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