

Converting Colors

Hex(90018B)

Have a look what the booklet for
Hex(90018B) contains.

Hex(90018B)	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(90018B)

Conversions

Conversions Part 1

Format	Color
Hex	90018B
RGB	144, 1, 139
RGB Percent	56%, 0%, 55%
CMY	0.4353, 0.9961, 0.4549
CMYK	0.00, 0.99, 0.03, 0.44
HSL	302°, 99%, 28%
HSV	302°, 99%, 56%
XYZ	16.1727, 7.8151, 25.0822
YIQ	59.4890, 40.9300, 73.2340

Conversions

Conversions Part 2

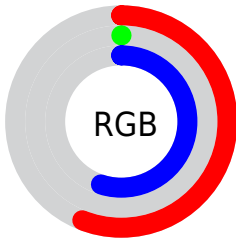
Format	Color
RYB	144, 1, 139
Decimal	9437579
CIELab	33.59, 63.30, -37.09
CIElCh	34, 73.365, 329.628
Yxy	7.8151, 0.3296, 0.1593
Android (android.graphics.Color)	4287627659 (0xFF90018B)
YUV	59.4890, 39.1989, 74.1161
Hunter-Lab	27.9555, 54.3428, -33.6273

Details

The Hex color **90018B** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **019006**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **C94DC1**, 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 **900F8C**.

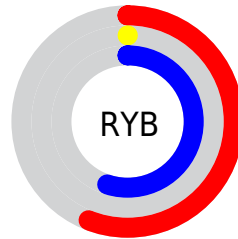
Distribution



Red (56%)

Green (0%)

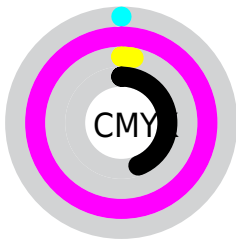
Blue (55%)



Red (56%)

Yellow (0%)

Blue (55%)

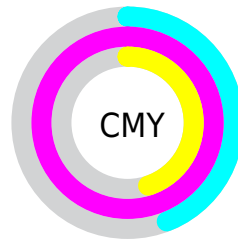


Cyan (0%)

Magenta (99%)

Yellow (3%)

Black (44%)



Cyan (44%)

Magenta (100%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90018B 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 90018B by changing the saturation by 10% instead.

90018B

90018B

FFFFFF

740071

C94DC1

590058

E769DD

3F0040

FF85FA

24002A

FFA1FF

000113

FFBEFF

000000

FFDBFF

FFF9FF

90018B

90018B

■ 90008B

■ 900F8C

■ 901E8C

■ 902C8D

■ 903B8D

■ 90498E

■ 90578E

■ 90668F

■ 90748F

■ 908390

Harmonies

Analogous

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



383FB6



90018B



AD0053

Triad

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



90018B



624D00



006688

Complementary

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



90018B



019006

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.



00654D



90018B



245B00

Square

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



90018B



8E3100



006206



0063B5

Rectangle

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



90018B



AE002D



006206



006675

Sweetspot

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



90018B



BA82B8



060190



5E3C5D



DEDEDE



5E5E5E

Same Dimension

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



90018B



BA00B4



900144



474047



870082



080007

Inverse Universe

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



90018B



BA00B4



01904D



474047



870082



080007

Previews

White Background



This preview shows how the Hex color 90018B looks on a white background.

Color Contrast Check

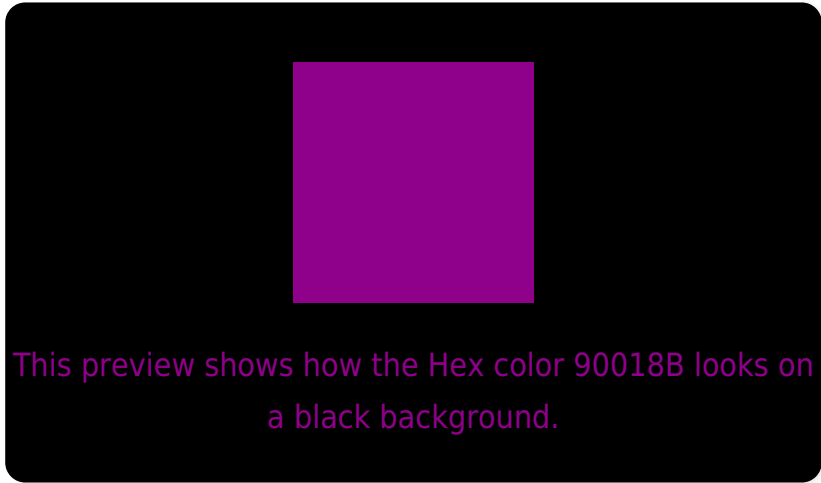
Large Text (above 18pt) WCAG AA ✓ Pass

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

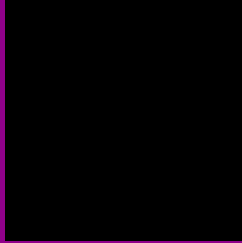
Any Text WCAG AA × Fail

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 90018B Background



This preview shows how black text looks on a background with the Hex color 90018B.




This preview shows how white text looks on a background with the Hex color 90018B.

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
88373A

Trichromacy



Original Color
90018B



Protanomaly
34339D



Deuteranomaly
573586



Tritanomaly
8B2357

Monochromacy



Original Color
90018B



Achromatopsia
3B3B3B



Achromatomaly
5A2658

CSS Examples

Text

The CSS property to change the color of the text to Hex 90018B 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 #90018B looks like.

```
.text, #text, p{  
    color:#90018B  
}
```

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 #90018B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90018B  
}
```

Border

The CSS property to change the border of an element to Hex 90018B is called "border". The border property can be set on classes, ids or directly on the HTML element.

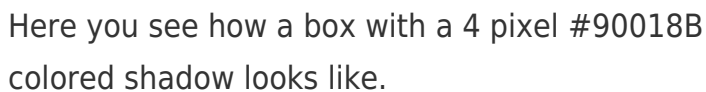
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#90018B }
```

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

```
.border{ border-color:#90018B }
```

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



Here you see how a box with a 4 pixel #90018B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90018B; -webkit-box-shadow:4px 4px  
4px 4px #90018B; box-shadow:4px 4px 4px  
4px #90018B }
```

Background

The CSS property to change the background color of an element to Hex 90018B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90018B }
```

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

```
.background{ background-color:#90018B }
```

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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