

# Converting Colors

Hex(91218B)

Have a look what the booklet for  
Hex(91218B) contains.

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**Color**

**Hex(91218B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91218B
RGB	145, 33, 139
RGB Percent	57%, 13%, 55%
CMY	0.4314, 0.8706, 0.4549
CMYK	0.00, 0.77, 0.04, 0.43
HSL	303°, 63%, 35%
HSV	303°, 77%, 57%
XYZ	16.8811, 8.9715, 25.2680
YIQ	78.5720, 32.7260, 56.7100

# Conversions

## Conversions Part 2

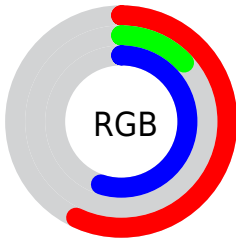
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 33, 139
Decimal	9511307
CIE <sub>Lab</sub>	35.93, 57.22, -33.37
CIE <sub>LCh</sub>	36, 66.241, 329.750
Yxy	8.9715, 0.3302, 0.1755
Android (android.graphics.Color)	4287701387 (0xFF91218B)
YUV	78.5720, 29.7910, 58.2574
Hunter-Lab	29.9525, 48.1849, -29.0505

# Details

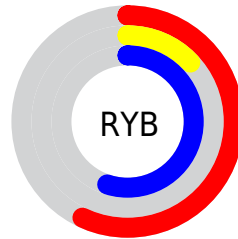
The Hex color **91218B** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **219127**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **CA5BC1**, and **5A0058** is the 20% darker color. If you saturate the color by 10%, you get **91138A**, and if you desaturate by 10%, it is **912F8C**.

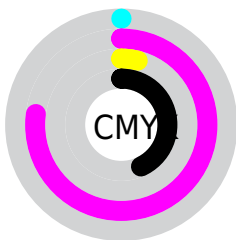
# Distribution



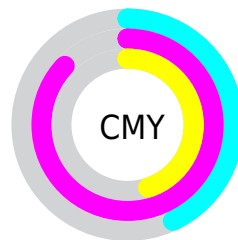
- Red (57%)
- Green (13%)
- Blue (55%)



- Red (57%)
- Yellow (13%)
- Blue (55%)



- Cyan (0%)
- Magenta (77%)
- Yellow (4%)
- Black (43%)



- Cyan (43%)
- Magenta (87%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91218B 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 91218B by changing the saturation by 10% instead.



 91218B

 91218B

FFFFFF

 750071

 CA5BC1

 5A0058

 E776DD

 400040

 FF92FA

 28002A

 FFAEFF


 000113


 FFCAFF

 000000

 FFE7FF

 91218B

 91218B

 91138A

 912F8C

■ 910489

■ 913E8D

■ 910089

■ 914D8D

■ 915B8E

■ 916A8F

■ 917890

■ 918790

■ 919591

■ 91A492

# Harmonies

## Analogous

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



4746B2



91218B



AC0057

# Triad

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



91218B



685200



006A88

# Complementary

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



91218B



219127

# 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.



006A53



91218B



326000

# Square

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



91218B



903B00



006718



0067B1

# Rectangle

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



91218B



AD0035



006718



006A77



# Sweetspot

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



91218B



BD91BA



272191



5E445D



DEDEDE



5E5E5E



# Same Dimension

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



91218B



BD0DB3



912153



474047



870080



080007



# Inverse Universe

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



91218B



BD0DB3



21915F



474047



870080



080007



# Previews

## White Background



This preview shows how the Hex color 91218B looks on a white background.

## Color Contrast Check

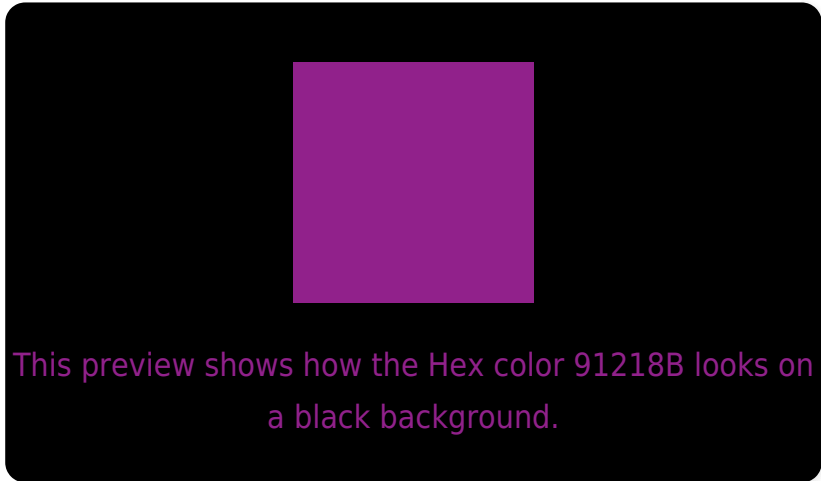
Large Text (above 18pt) WCAG AA ✓ Pass

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

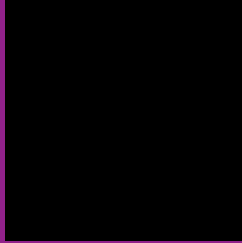
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 91218B Background



This preview shows how black text looks on a background with the Hex color 91218B.



This preview shows how white text looks on a background with the Hex color 91218B.

# 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**  
893D41

# Trichromacy



**Original Color**  
91218B



**Protanomaly**  
3541A3



**Deuteranomaly**  
5D4386

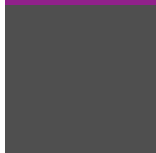


**Tritanomaly**  
8C335C

# Monochromacy



**Original Color**  
91218B



**Achromatopsia**  
4F4F4F



**Achromatomaly**  
673E65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91218B 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 #91218B looks like.

```
.text, #text, p{  
    color:#91218B  
}
```

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 #91218B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91218B
}
```

## Border

The CSS property to change the border of an element to Hex 91218B is called "border". The border property can be set on classes, ids or directly on the HTML element.

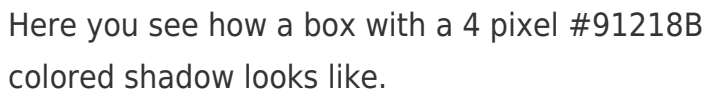
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#91218B }
```

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

```
.border{ border-color:#91218B }
```

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



Here you see how a box with a 4 pixel #91218B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91218B; -webkit-box-shadow:4px 4px  
4px 4px #91218B; box-shadow:4px 4px 4px  
4px #91218B }
```

# Background

The CSS property to change the background color of an element to Hex 91218B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91218B }
```

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

```
.background{ background-color:#91218B }
```

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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