

Converting Colors

Hex(9A109C)

Have a look what the booklet for
Hex(9A109C) contains.

Hex(9A109C)	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(9A109C)

Conversions

Conversions Part 1

Format	Color
Hex	9A109C
RGB	154, 16, 156
RGB Percent	60%, 6%, 61%
CMY	0.3961, 0.9373, 0.3882
CMYK	0.01, 0.90, 0.00, 0.39
HSL	299°, 81%, 34%
HSV	299°, 90%, 61%
XYZ	19.5125, 9.6409, 32.2849
YIQ	73.2220, 37.3080, 72.7960

Conversions

Conversions Part 2

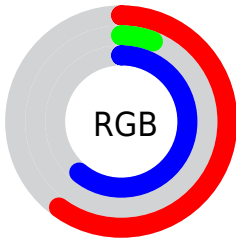
Format	Color
RYB	154, 16, 156
Decimal	10096796
CIELab	37.19, 65.69, -41.66
CIElCh	37, 77.787, 327.619
Yxy	9.6409, 0.3176, 0.1569
Android (android.graphics.Color)	4288286876 (0xFF9A109C)
YUV	73.2220, 40.8096, 70.8423
Hunter-Lab	31.0498, 57.8366, -39.9136

Details

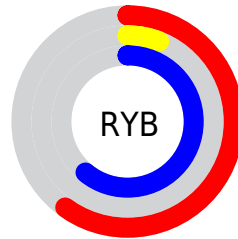
The Hex color **9A109C** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **129C10**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **D455D3**, and **620068** is the 20% darker color. If you saturate the color by 10%, you get **9A009C**, and if you desaturate by 10%, it is **9A209C**.

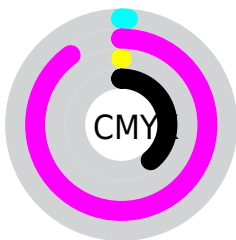
Distribution



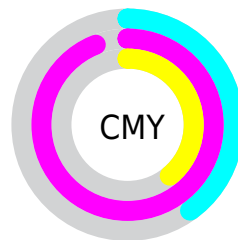
- Red (60%)
- Green (6%)
- Blue (61%)



- Red (60%)
- Yellow (6%)
- Blue (61%)



- Cyan (1%)
- Magenta (90%)
- Yellow (0%)
- Black (39%)



- Cyan (40%)
- Magenta (94%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A109C 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 9A109C by changing the saturation by 10% instead.

 9A109C

 9A109C

FFFFFF

 7E0082

 D455D3

 620068

 F271F0

 47004F

 FF8DFE

 2E0038

 FFAAFF

 040021

 FFC7FF

 000006

 FFE4FF

 000000

 9A109C

 9A109C

 9A009C

 9A209C

 9A2F9C

 9B3F9C

 9B4E9C

 9B5E9C

 9B6E9C

 9C7D9C

 9C8D9C

 9C9C9C

Harmonies

Analogous

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



3149C9



9A109C



BD005F

Triad

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



9A109C



705400



007091

Complementary

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



9A109C



129C10

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.



006F51



9A109C



306400

Square

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



9A109C



9E3400



006C01



006DC3

Rectangle

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



9A109C



BF0037



006C01



00707C

Sweetspot

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



9A109C



CB95CC



10129C



664566



E6E6E6



666666

Same Dimension

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



9A109C



C900CC



9C1058



4F474F



8D008F



0F000F

Inverse Universe

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



9C1012



CC0003



109C54



4F4747



8F0002



0F0000

Previews

White Background



This preview shows how the Hex color 9A109C looks on a white background.

Color Contrast Check

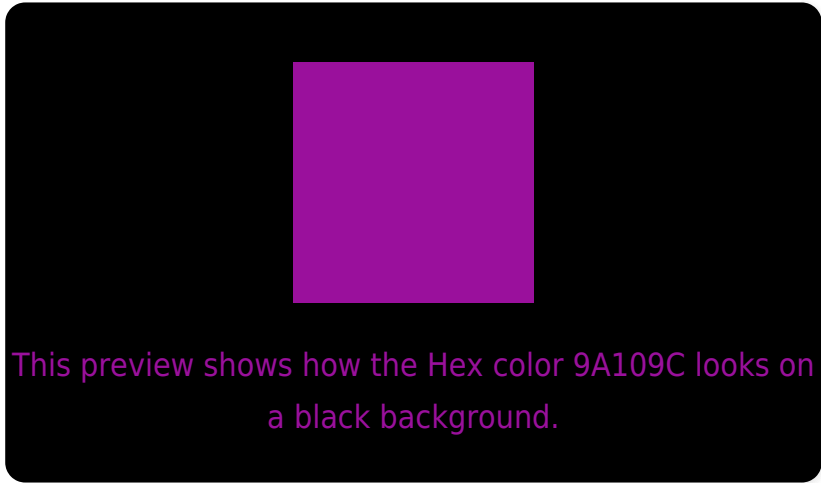
Large Text (above 18pt) WCAG AA ✓ Pass

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

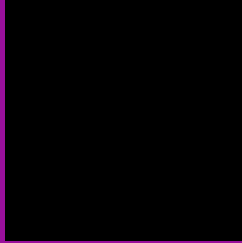
Any Text WCAG AA × Fail

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 9A109C Background



This preview shows how black text looks on a background with the Hex color 9A109C.



This preview shows how white text looks on a background with the Hex color 9A109C.

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
903E43

Trichromacy



Original Color
9A109C



Protanomaly
383DAD



Deuteranomaly
593F96



Tritanomaly
942D63

Monochromacy



Original Color
9A109C



Achromatopsia
494949



Achromatomaly
663467

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A109C 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 #9A109C looks like.

```
.text, #text, p{  
    color:#9A109C  
}
```

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 #9A109C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A109C
}
```

Border

The CSS property to change the border of an element to Hex 9A109C is called "border". The border property can be set on classes, ids or directly on the HTML element.

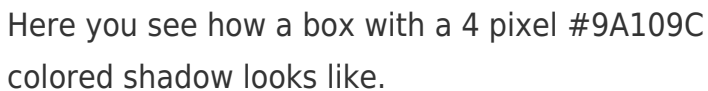
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A109C }
```

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

```
.border{ border-color:#9A109C }
```

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



Here you see how a box with a 4 pixel #9A109C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A109C; -webkit-box-shadow:4px 4px  
4px 4px #9A109C; box-shadow:4px 4px 4px  
4px #9A109C }
```

Background

The CSS property to change the background color of an element to Hex 9A109C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A109C }
```

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

```
.background{ background-color:#9A109C }
```

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