

Converting Colors

Hex(900089)

Have a look what the booklet for
Hex(900089) contains.

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Color

Hex(900089)

Conversions

Conversions Part 1

Format	Color
Hex	900089
RGB	144, 0, 137
RGB Percent	56%, 0%, 54%
CMY	0.4353, 1.0000, 0.4627
CMYK	0.00, 1.00, 0.05, 0.44
HSL	303°, 100%, 28%
HSV	303°, 100%, 56%
XYZ	16.0170, 7.7354, 24.3158
YIQ	58.6740, 41.8470, 73.1350

Conversions

Conversions Part 2

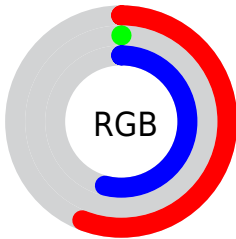
Format	Color
RYB	144, 0, 137
Decimal	9437321
CIELab	33.43, 63.13, -36.12
CIElCh	33, 72.737, 330.222
Yxy	7.7354, 0.3332, 0.1609
Android (android.graphics.Color)	4287627401 (0xFF900089)
YUV	58.6740, 38.6147, 74.8309
Hunter-Lab	27.8126, 54.1238, -32.3667

Details

The Hex color **900089** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **009007**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **C94CBF**, and **590056** is the 20% darker color. If you saturate the color by 10%, you get **900089**, and if you desaturate by 10%, it is **900E8A**.

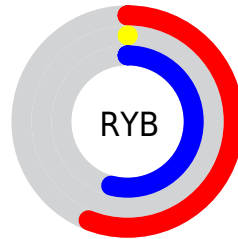
Distribution



Red (56%)

Green (0%)

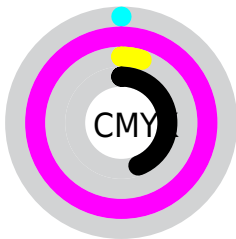
Blue (54%)



Red (56%)

Yellow (0%)

Blue (54%)

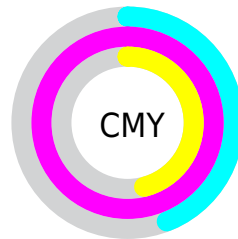


Cyan (0%)

Magenta (100%)

Yellow (5%)

Black (44%)



Cyan (44%)

Magenta (100%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 900089 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 900089 by changing the saturation by 10% instead.

 900089

 900089

FFFFFF

 74006F

 C94CBF

 590056

 E769DB

 3F003F

 FF85F8

 240028

 FFA1FF

 000111

 FFBEFF

 000000

 FFDBFF

 FFF8FF

 900089

 900E8A

 901D8A

 902B8B

 903A8C

 90488C

 90568D

 90658E

 90738F

 90828F

Harmonies

Analogous

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



3B3EB4



900089



AC0051

Triad

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



900089



614D00



006588

Complementary

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



900089



009007

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.



00644E



900089



235B00

Square

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



900089



8C3100



006209



0062B4

Rectangle

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



900089



AC002C



006209



006575

Sweetspot

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



900089



BA82B7



050090



5E3C5D



DEDEDE



5E5E5E

Same Dimension

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



900089



BA00B1



900043



474047



870081



080007

Inverse Universe

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



900089



BA00B1



00904D



474047



870081



080007

Previews

White Background



This preview shows how the Hex color 900089 looks on a white background.

Color Contrast Check

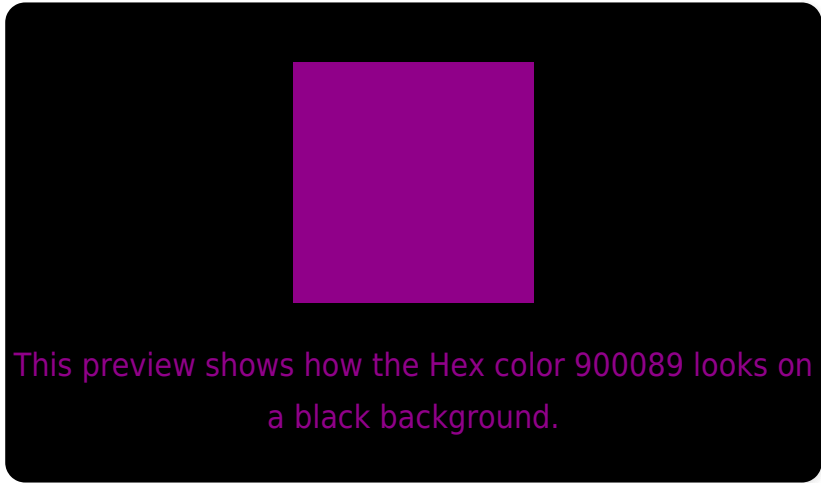
Large Text (above 18pt) WCAG AA ✓ Pass

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

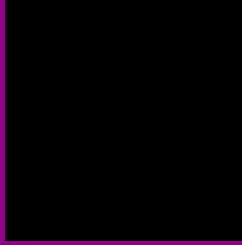
Any Text WCAG AA × Fail

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 900089 Background



This preview shows how black text looks on a background with the Hex color 900089.




This preview shows how white text looks on a background with the Hex color 900089.

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
883639

Trichromacy



Original Color
900089



Protanomaly
34329C



Deuteranomaly
583484



Tritanomaly
8B2256

Monochromacy



Original Color
900089



Achromatopsia
3B3B3B



Achromatomaly
5A2657

CSS Examples

Text

The CSS property to change the color of the text to Hex 900089 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 #900089 looks like.

```
.text, #text, p{  
    color:#900089  
}
```

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 #900089 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #900089
}
```

Border

The CSS property to change the border of an element to Hex 900089 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
#900089 }
```

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

```
.border{ border-color:#900089 }
```

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

Here you see how a box with a 4 pixel #900089 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #900089; -webkit-box-shadow:4px 4px  
4px 4px #900089; box-shadow:4px 4px 4px  
4px #900089 }
```

Background

The CSS property to change the background color of an element to Hex 900089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#900089 }
```

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

```
.background{ background-color:#900089 }
```

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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