

Converting Colors

Hex(900090)

Have a look what the booklet for
Hex(900090) contains.

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Color

Hex(900090)

Conversions

Conversions Part 1

Format	Color
Hex	900090
RGB	144, 0, 144
RGB Percent	56%, 0%, 56%
CMY	0.4353, 1.0000, 0.4353
CMYK	0.00, 1.00, 0.00, 0.44
HSL	300°, 100%, 28%
HSV	300°, 100%, 56%
XYZ	16.5356, 7.9429, 27.0472
YIQ	59.4720, 39.6000, 75.3120

Conversions

Conversions Part 2

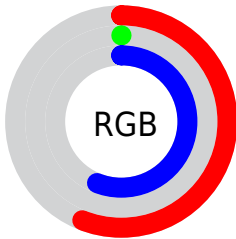
Format	Color
R_{YB}	144, 0, 144
Decimal	9437328
CIE _{Lab}	33.86, 64.19, -39.75
CIE _{LCh}	34, 75.506, 328.233
Yxy	7.9429, 0.3209, 0.1542
Android (android.graphics.Color)	4287627408 (0xFF900090)
YUV	59.4720, 41.6723, 74.1311
Hunter-Lab	28.1832, 55.4091, -37.1719

Details

The Hex color **900090** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **009000**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **C94DC6**, and **59005D** is the 20% darker color. If you saturate the color by 10%, you get **900090**, and if you desaturate by 10%, it is **900E90**.

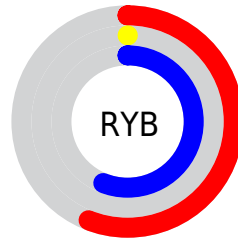
Distribution



Red (56%)

Green (0%)

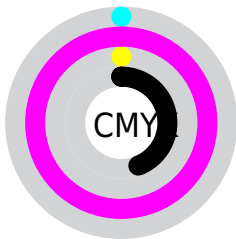
Blue (56%)



Red (56%)

Yellow (0%)

Blue (56%)

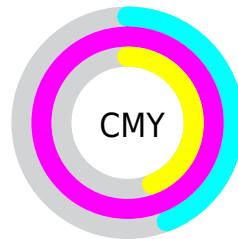


Cyan (0%)

Magenta (100%)

Yellow (0%)

Black (44%)



Cyan (44%)

Magenta (100%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 900090 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 900090 by changing the saturation by 10% instead.

 900090

 900090

FFFFFF

 740076

 C94DC6

 59005D

 E769E3

 3E0045

 FF85FF

 24002E

 FFA2FF

 000117

 FFBEFF

 000000

 FFDBFF

 FFF9FF

 900090

 900E90

 901D90

 902B90

 903A90

 904890

 905690

 906590

 907390

 908290

Harmonies

Analogous

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



2C41BC



900090



B00056

Triad

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



900090



654D00



006788

Complementary

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



900090



009000

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.



00664A



900090



265C00

Square

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



900090



912E00



006300



0064B7

Rectangle

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



900090



B1002F



006300



006774

Sweetspot

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



900090



BA82BA



000090



5E3C5E



DEDEDE



5E5E5E

Same Dimension

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



900090



BA00BA



900048



474047



870087



080008

Inverse Universe

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



900090



BA00BA



009048



474047



870087



080008

Previews

White Background



This preview shows how the Hex color 900090 looks on a white background.

Color Contrast Check

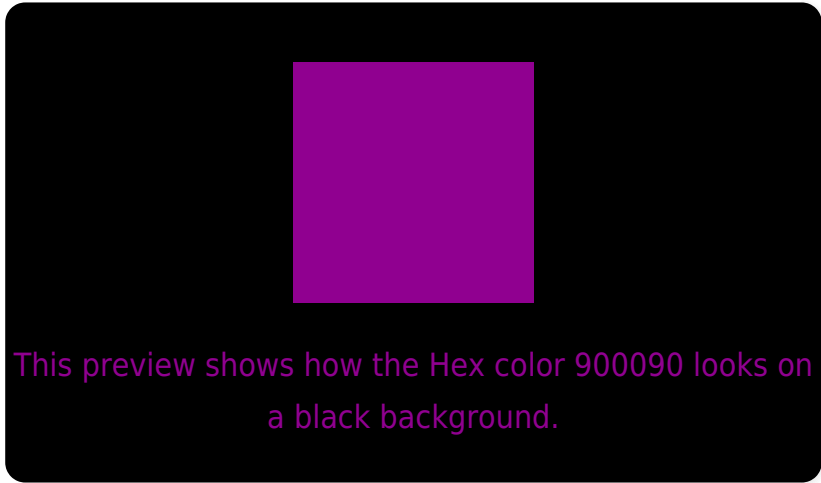
Large Text (above 18pt) WCAG AA ✓ Pass

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

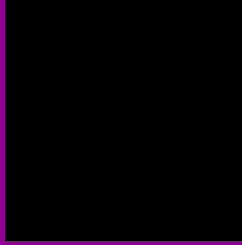
Any Text WCAG AA × Fail

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 900090 Background



This preview shows how black text looks on a background with the Hex color 900090.

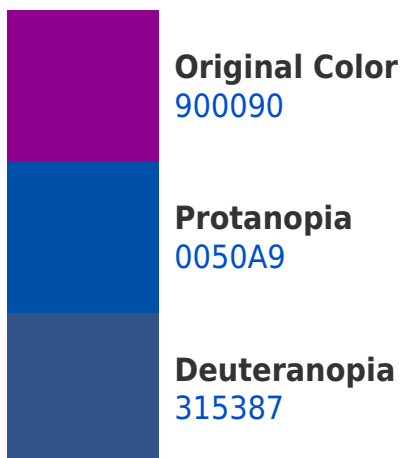


This preview shows how white text looks on a background with the Hex color 900090.

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
87393C

Trichromacy



Original Color

900090



Protanomaly

3433A0



Deuteranomaly

54358A



Tritanomaly

8A245B

Monochromacy



Original Color

900090



Achromatopsia

3B3B3B



Achromatomaly

5A265A

CSS Examples

Text

The CSS property to change the color of the text to Hex 900090 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 #900090 looks like.

```
.text, #text, p{  
    color:#900090  
}
```

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 #900090 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #900090
}
```

Border

The CSS property to change the border of an element to Hex 900090 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
#900090 }
```

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

```
.border{ border-color:#900090 }
```

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

Here you see how a box with a 4 pixel #900090 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #900090; -webkit-box-shadow:4px 4px  
4px 4px #900090; box-shadow:4px 4px 4px  
4px #900090 }
```

Background

The CSS property to change the background color of an element to Hex 900090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#900090 }
```

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

```
.background{ background-color:#900090 }
```

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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