

# Converting Colors

Hex(902890)

Have a look what the booklet for  
Hex(902890) contains.

<b>Hex(902890)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(902890)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	902890
RGB	144, 40, 144
RGB Percent	56%, 16%, 56%
CMY	0.4353, 0.8431, 0.4353
CMYK	0.00, 0.72, 0.00, 0.44
HSL	300°, 57%, 36%
HSV	300°, 72%, 56%
XYZ	17.2944, 9.4605, 27.3001
YIQ	82.9520, 28.6000, 54.3920

# Conversions

## Conversions Part 2

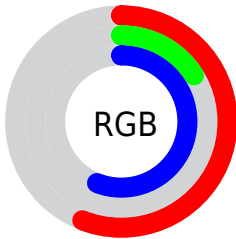
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 40, 144
Decimal	9447568
CIE <sub>Lab</sub>	36.86, 55.50, -34.98
CIE <sub>LCh</sub>	37, 65.607, 327.777
Yxy	9.4605, 0.3199, 0.1750
Android (android.graphics.Color)	4287637648 (0xFF902890)
YUV	82.9520, 30.0967, 53.5391
Hunter-Lab	30.7579, 46.5399, -31.0941

# Details

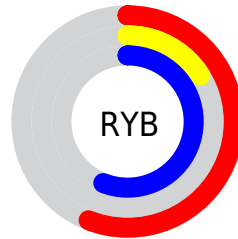
The Hex color **902890** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **289028**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **C960C6**, and **5A005D** is the 20% darker color. If you saturate the color by 10%, you get **901A90**, and if you desaturate by 10%, it is **903690**.

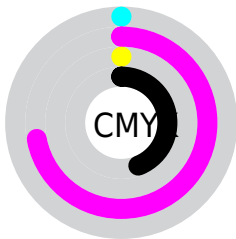
# Distribution



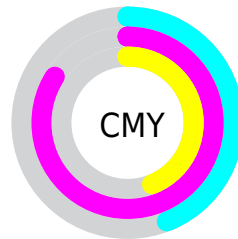
- Red (56%)
- Green (16%)
- Blue (56%)



- Red (56%)
- Yellow (16%)
- Blue (56%)



- Cyan (0%)
- Magenta (72%)
- Yellow (0%)
- Black (44%)



- Cyan (44%)
- Magenta (84%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 902890 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 902890 by changing the saturation by 10% instead.



902890

902890

FFFFFF

750076

C960C6

5A005D

E67BE3

3F0045

FF96FF

28002E

FFB2FF

000118

FFCFFF

000000

FFECFF

902890

902890

901A90

903690

900B90

904590

900090

905390

906290

907090

907E90

908D90

909B90

90AA90

# Harmonies

## Analogous

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



424AB6



902890



AE005D

# Triad

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



902890



6E5300



006D87

# Complementary

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



902890



289028

# 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.



006C51



902890



3A6200

# Square

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



902890



953B00



006917



0069B1

# Rectangle

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



902890



B0003A



006917



006D76



# Sweetspot

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



902890



BA91BA



282890



5E465E



DEDEDE



5E5E5E



# Same Dimension

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



902890



BA18BA



90285C



474047



870087



080008



# Inverse Universe

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



902890



BA18BA



28905C



474047



870087



080008



# Previews

## White Background



This preview shows how the Hex color 902890 looks on a white background.

## Color Contrast Check

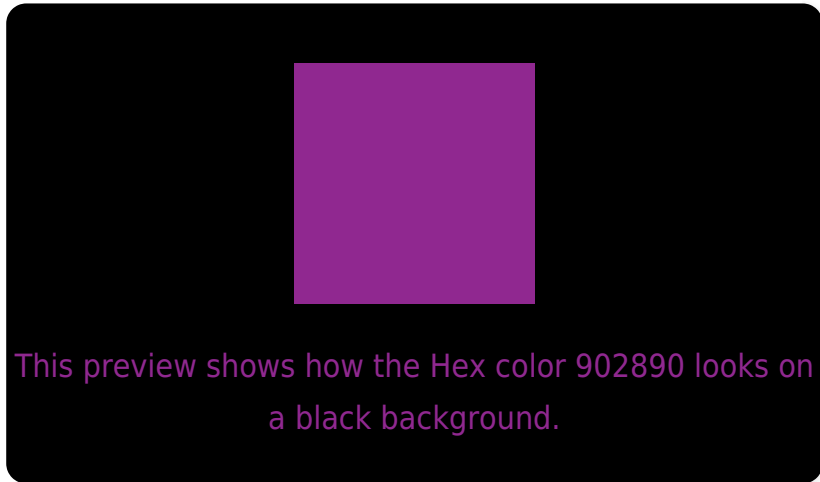
Large Text (above 18pt) WCAG AA ✓ Pass

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

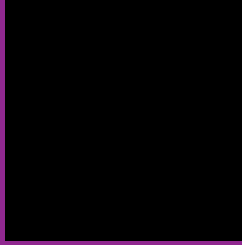
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 902890 Background



This preview shows how black text looks on a background with the Hex color 902890.




This preview shows how white text looks on a background with the Hex color 902890.

# 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](#).

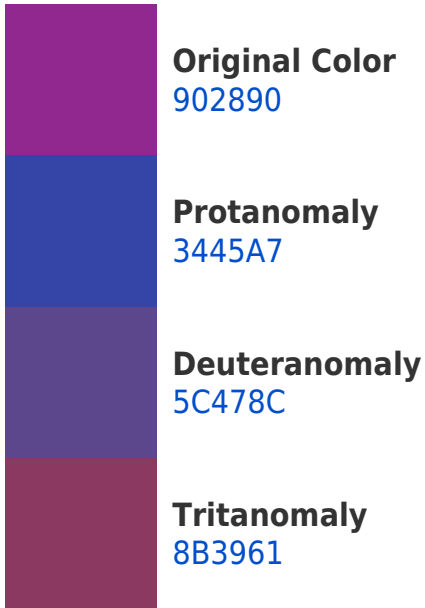
## Dichromacy



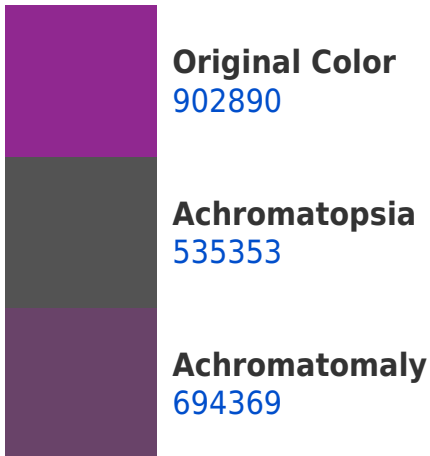


**Tritanopia**  
884246

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 902890 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 #902890 looks like.

```
.text, #text, p{  
    color:#902890  
}
```

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 #902890 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #902890
}
```

## Border

The CSS property to change the border of an element to Hex 902890 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
#902890 }
```

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

```
.border{ border-color:#902890 }
```

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

Here you see how a box with a 4 pixel #902890 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #902890; -webkit-box-shadow:4px 4px  
4px 4px #902890; box-shadow:4px 4px 4px  
4px #902890 }
```

# Background

The CSS property to change the background color of an element to Hex 902890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#902890 }
```

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

```
.background{ background-color:#902890 }
```

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