

# Converting Colors

Hex(A83F90)

Have a look what the booklet for  
Hex(A83F90) contains.

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# Color

**Hex(A83F90)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A83F90
RGB	168, 63, 144
RGB Percent	66%, 25%, 56%
CMY	0.3412, 0.7529, 0.4353
CMYK	0.00, 0.62, 0.14, 0.34
HSL	314°, 45%, 45%
HSV	314°, 62%, 66%
XYZ	22.9600, 13.8935, 27.8571
YIQ	103.6290, 36.5790, 47.4510

# Conversions

## Conversions Part 2

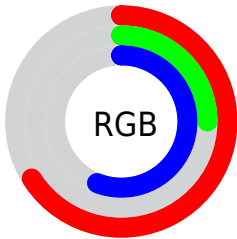
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 63, 144
Decimal	11026320
CIE <sub>Lab</sub>	44.08, 52.43, -23.38
CIE <sub>LCh</sub>	44, 57.409, 335.967
Yxy	13.8935, 0.3548, 0.2147
Android (android.graphics.Color)	4289216400 (0xFFA83F90)
YUV	103.6290, 19.9029, 56.4534
Hunter-Lab	37.2739, 44.7230, -18.2194

# Details

The Hex color **A83F90** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3FA857**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **E275C6**, and **71005D** is the 20% darker color. If you saturate the color by 10%, you get **A82E8C**, and if you desaturate by 10%, it is **A85094**.

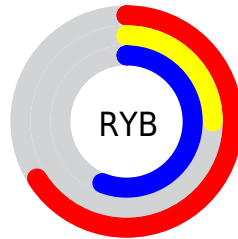
# Distribution



Red (66%)

Green (25%)

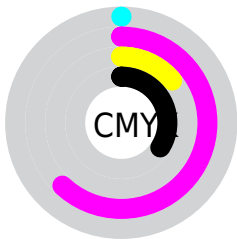
Blue (56%)



Red (66%)

Yellow (25%)

Blue (56%)

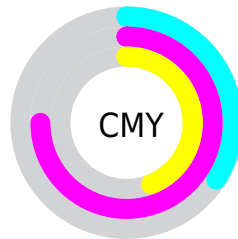


Cyan (0%)

Magenta (62%)

Yellow (14%)

Black (34%)



Cyan (34%)

Magenta (75%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A83F90 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 A83F90 by changing the saturation by 10% instead.



 A83F90

 A83F90

FFFFFF

 8C2276

 E275C6

 71005D

 FF90E2

 560045

 FFACFF

 3D002F

 FFC8FF

 23001A

 FFE5FF

 000000

 A83F90

 A83F90

 A82E8C

 A85094

 A81D88

 A86198

 A80D84

 A8719C

 A80082

 A8829F

 A893A3

 A8A4A7

 A8B5AB

 A8C5AF

 A8D6B3

# Harmonies

## Analogous

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



7457B6



A83F90



BC3361

# Triad

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



A83F90



756900



007D9F

# Complementary

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



A83F90



3FA857

# 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.



007E71



A83F90



43750B

# Square

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



A83F90



9C5701



007B3F



0077BF

# Rectangle

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



A83F90



BA3A42



007B3F



007E91



# Sweetspot

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



A83F90



DBB2D2



563FA8



6E5468



EDEDED



6E6E6E



# Same Dimension

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



A83F90



DB37B6



A83F5D



544C52



940072



140010



# Inverse Universe

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



A83F90



DB37B6



3FA88A



544C52



940072



140010



# Previews

## White Background



This preview shows how the Hex color A83F90 looks on a white background.

## Color Contrast Check

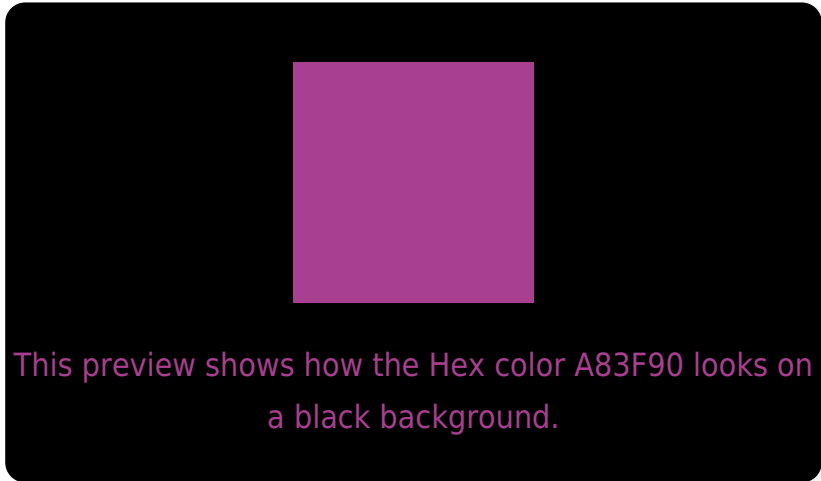
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

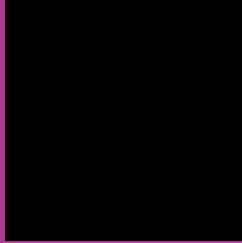
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A83F90 Background



This preview shows how black text looks on a background with the Hex color A83F90.

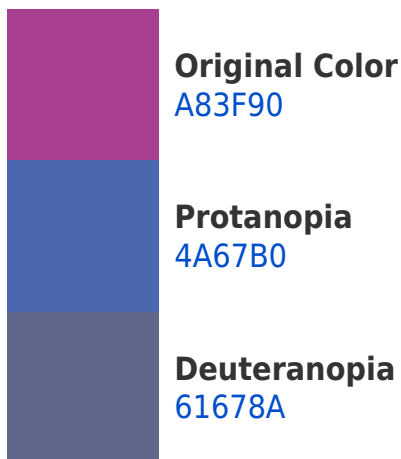



This preview shows how white text looks on a background with the Hex color A83F90.

# 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**  
A24F54

# Trichromacy



**Original Color**  
A83F90



**Protanomaly**  
6C58A4



**Deuteranomaly**  
7B588C

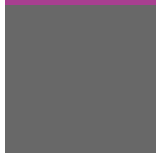


**Tritanomaly**  
A4496A

# Monochromacy



**Original Color**  
A83F90



**Achromatopsia**  
686868



**Achromatomaly**  
7F5977

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A83F90 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 #A83F90 looks like.

```
.text, #text, p{  
    color:#A83F90  
}
```

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 #A83F90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A83F90
}
```

## Border

The CSS property to change the border of an element to Hex A83F90 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
#A83F90 }
```

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

```
.border{ border-color:#A83F90 }
```

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

Here you see how a box with a 4 pixel #A83F90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A83F90; -webkit-box-shadow:4px 4px  
4px 4px #A83F90; box-shadow:4px 4px 4px  
4px #A83F90 }
```

# Background

The CSS property to change the background color of an element to Hex A83F90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A83F90 }
```

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

```
.background{ background-color:#A83F90 }
```

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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