

Converting Colors

Hex(CA3890)

Have a look what the booklet for
Hex(CA3890) contains.

Hex(CA3890)	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(CA3890)

Conversions

Conversions Part 1

Format	Color
Hex	CA3890
RGB	202, 56, 144
RGB Percent	79%, 22%, 56%
CMY	0.2078, 0.7804, 0.4353
CMYK	0.00, 0.72, 0.29, 0.21
HSL	324°, 58%, 51%
HSV	324°, 72%, 79%
XYZ	30.8053, 17.3985, 28.1202
YIQ	109.6860, 58.7680, 58.3200

Conversions

Conversions Part 2

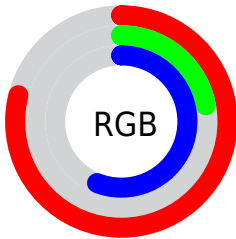
Format	Color
R _Y B	202, 56, 144
Decimal	13252752
CIE _{Lab}	48.76, 64.32, -15.71
CIE _{LCh}	49, 66.213, 346.272
Yxy	17.3985, 0.4036, 0.2280
Android (android.graphics.Color)	4291442832 (0xFFCA3890)
YUV	109.6860, 16.9168, 80.9594
Hunter-Lab	41.7115, 58.8329, -10.7728

Details

The Hex color **CA3890** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **38CA72**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF73C6**, and **90005E** is the 20% darker color. If you saturate the color by 10%, you get **CA2488**, and if you desaturate by 10%, it is **CA4C98**.

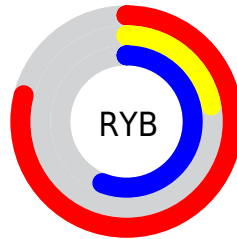
Distribution



Red (79%)

Green (22%)

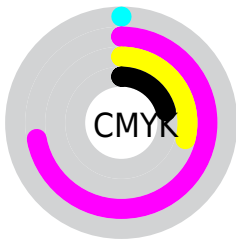
Blue (56%)



Red (79%)

Yellow (22%)

Blue (56%)

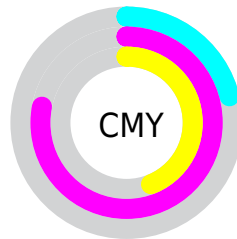


Cyan (0%)

Magenta (72%)

Yellow (29%)

Black (21%)



Cyan (21%)

Magenta (78%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA3890 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 CA3890 by changing the saturation by 10% instead.

CA3890

CA3890

FFFFFF

AD1076

FF73C6

90005E

FF8FE2

730046

FFACFF

57002F

FFC9FF

3D001B

FFE6FF

1D0001

000000

CA3890

CA3890

CA2488

CA4C98

■ CA1080

■ CA60A0

■ CA007A

■ CA75A8

■ CA89B0

■ CA9DB8

■ CAB1C0

■ CAC5C8

■ CADAD0

■ CAEED8

Harmonies

Analogous

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



9B55C2



CA3890



D63458

Triad

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



CA3890



707B00



008AC4

Complementary

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



CA3890



38CA72

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.



008D92



CA3890



24861B

Square

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



CA3890



A16800



008B57



0082E1

Rectangle

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



CA3890



CD4434



008B57



008CB5

Sweetspot

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



CA3890



FFC7E9



7038CA



805E72



000000



808080

Same Dimension

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



CA3890



FF21A7



CA3849



665C62



A60064



260017

Inverse Universe

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



CA3890



FF21A7



38CAB9



665C62



A60064



260017

Previews

White Background



This preview shows how the Hex color CA3890 looks on a white background.

Color Contrast Check

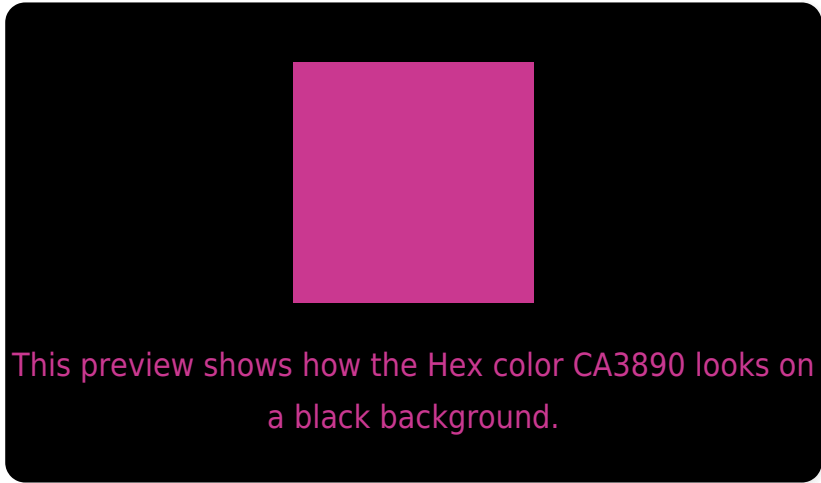
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA3890 Background



This preview shows how black text looks on a background with the Hex color CA3890.

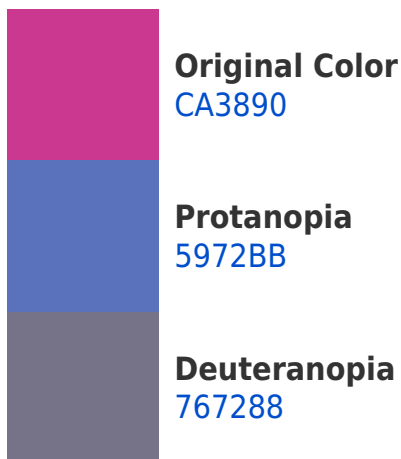


This preview shows how white text looks on a background with the Hex color CA3890.

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
C54B4F

Trichromacy



Original Color
CA3890



Protanomaly
825DAB



Deuteranomaly
955D8B



Tritanomaly
C74467

Monochromacy



Original Color
CA3890



Achromatopsia
6E6E6E



Achromatomaly
8F5A7A

CSS Examples

Text

The CSS property to change the color of the text to Hex CA3890 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 #CA3890 looks like.

```
.text, #text, p{  
    color:#CA3890  
}
```

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 #CA3890 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA3890
}
```

Border

The CSS property to change the border of an element to Hex CA3890 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
#CA3890 }
```

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

```
.border{ border-color:#CA3890 }
```

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

Here you see how a box with a 4 pixel #CA3890 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA3890; -webkit-box-shadow:4px 4px  
4px 4px #CA3890; box-shadow:4px 4px 4px  
4px #CA3890 }
```

Background

The CSS property to change the background color of an element to Hex CA3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA3890 }
```

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

```
.background{ background-color:#CA3890 }
```

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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