

# Converting Colors

Hex(CF3891)

Have a look what the booklet for  
Hex(CF3891) contains.

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# Color

**Hex(CF3891)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF3891
RGB	207, 56, 145
RGB Percent	81%, 22%, 57%
CMY	0.1882, 0.7804, 0.4314
CMYK	0.00, 0.73, 0.30, 0.19
HSL	325°, 61%, 52%
HSV	325°, 73%, 81%
XYZ	32.2571, 18.1381, 28.5889
YIQ	111.2950, 61.4270, 59.6910

# Conversions

## Conversions Part 2

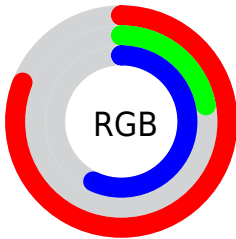
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 56, 145
Decimal	13580433
CIE <sub>Lab</sub>	49.66, 65.73, -14.86
CIE <sub>LCh</sub>	50, 67.392, 347.265
Yxy	18.1381, 0.4084, 0.2296
Android (android.graphics.Color)	4291770513 (0xFFCF3891)
YUV	111.2950, 16.6166, 83.9333
Hunter-Lab	42.5888, 60.6670, -9.9879

# Details

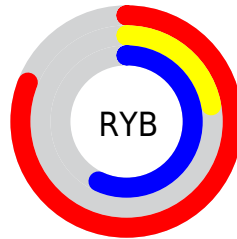
The Hex color **CF3891** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **38CF76**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF74C7**, and **94005E** is the 20% darker color. If you saturate the color by 10%, you get **CF2389**, and if you desaturate by 10%, it is **CF4D99**.

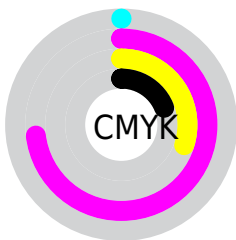
# Distribution



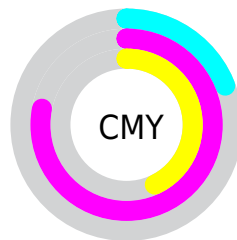
- Red (81%)
- Green (22%)
- Blue (57%)



- Red (81%)
- Yellow (22%)
- Blue (57%)



- Cyan (0%)
- Magenta (73%)
- Yellow (30%)
- Black (19%)



- Cyan (19%)
- Magenta (78%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF3891 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 CF3891 by changing the saturation by 10% instead.



 CF3891

 CF3891

FFFFFF

 B10E77

 FF74C7

 94005E

 FF90E3

 770047

 FFADFF

 5B0030

 FFCAFF

 41001C

 FFE8FF

 230001

 000000

 CF3891

 CF3891

 CF2389

 CF4D99

 CF0F80

 CF61A2

 CF007A

 CF76AA

 CF8BB3

 CF9FBB

 CFB4C4

 CFC9CC

 CFDED5

 CFF2DD

# Harmonies

## Analogous

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



A156C5



CF3891



DA3558

# Triad

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



CF3891



707D00



008DCA

# Complementary

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



CF3891



38CF76

# 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.



008F97



CF3891



20881D

# Square

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



CF3891



A36B00



008E5B



0084E7

# Rectangle

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



CF3891



D14634



008E5B



008EBA



# Sweetspot

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



CF3891



FFC7E8



7438CF



805E72



000000



808080



# Same Dimension

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



CF3891



FF1FA3



CF3847



695E64



A80063



290018



# Inverse Universe

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



CF3891



FF1FA3



38CFC0



695E64



A80063



290018



# Previews

## White Background



This preview shows how the Hex color CF3891 looks on a white background.

## Color Contrast Check

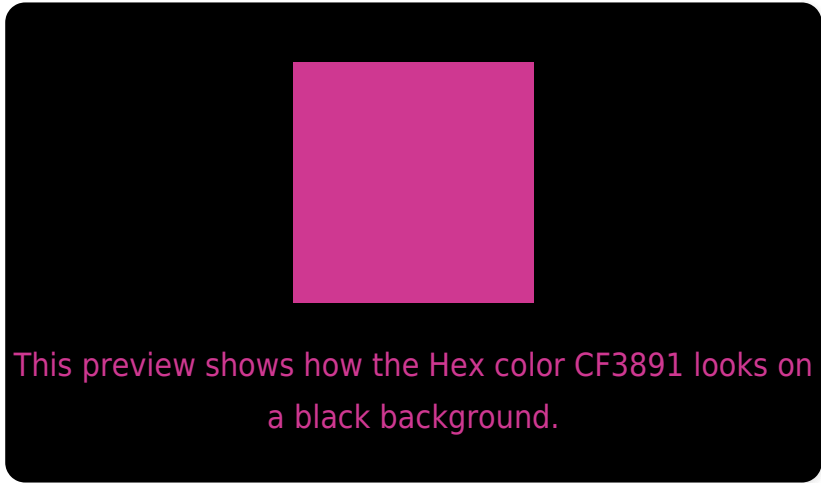
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

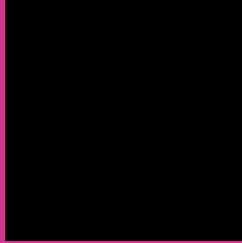
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CF3891 Background



This preview shows how black text looks on a background with the Hex color CF3891.

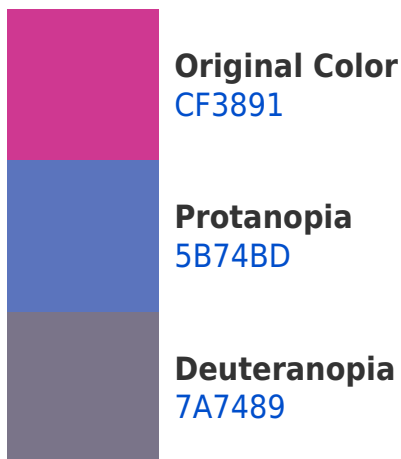


This preview shows how white text looks on a background with the Hex color CF3891.

# Color Blindness Simulation

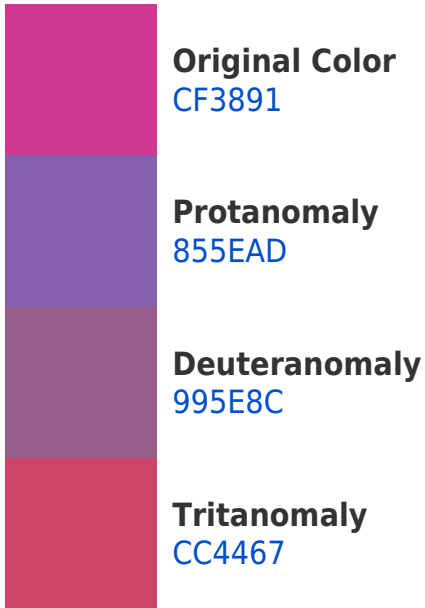
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF3891 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 #CF3891 looks like.

```
.text, #text, p{  
    color:#CF3891  
}
```

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 #CF3891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF3891
}
```

## Border

The CSS property to change the border of an element to Hex CF3891 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
#CF3891 }
```

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

```
.border{ border-color:#CF3891 }
```

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

Here you see how a box with a 4 pixel #CF3891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF3891; -webkit-box-shadow:4px 4px  
4px 4px #CF3891; box-shadow:4px 4px 4px  
4px #CF3891 }
```

# Background

The CSS property to change the background color of an element to Hex CF3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF3891 }
```

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

```
.background{ background-color:#CF3891 }
```

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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