

# Converting Colors

Hex(6C3891)

Have a look what the booklet for  
Hex(6C3891) contains.

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# Color

**Hex(6C3891)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C3891
RGB	108, 56, 145
RGB Percent	42%, 22%, 57%
CMY	0.5765, 0.7804, 0.4314
CMYK	0.26, 0.61, 0.00, 0.43
HSL	275°, 44%, 39%
HSV	275°, 61%, 57%
XYZ	12.7093, 8.0608, 27.6741
YIQ	81.6940, 2.4230, 38.7030

# Conversions

## Conversions Part 2

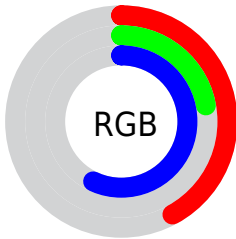
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 56, 145
Decimal	7092369
CIE <sub>Lab</sub>	34.11, 39.69, -40.29
CIE <sub>LCh</sub>	34, 56.560, 314.570
Yxy	8.0608, 0.2623, 0.1664
Android (android.graphics.Color)	4285282449 (0xFF6C3891)
YUV	81.6940, 31.2099, 23.0704
Hunter-Lab	28.3916, 30.2193, -37.9175

# Details

The Hex color **6C3891** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5D9138**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **A26AC7**, and **38055E** is the 20% darker color. If you saturate the color by 10%, you get **662A91**, and if you desaturate by 10%, it is **724691**.

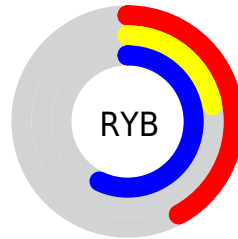
# Distribution



Red (42%)

Green (22%)

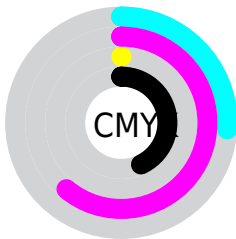
Blue (57%)



Red (42%)

Yellow (22%)

Blue (57%)

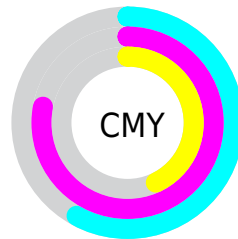


Cyan (26%)

Magenta (61%)

Yellow (0%)

Black (43%)



Cyan (58%)

Magenta (78%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C3891 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 6C3891 by changing the saturation by 10% instead.



 6C3891

 6C3891

FFFFFF

 522077

 A26AC7

 38055E

 BE84E4

 200046

 DA9EFF

 00002E

 F8BAFF

 000119

 FFD6FF

 000000

 FFF2FF

 6C3891

 6C3891

 662A91

 724691

601B91

785591

5A0C91

7E6391

550091

847291

8A8191

908F91

969E91

9CAC91

A2BB91

# Harmonies

## Analogous

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



004FA8



6C3891



931B69

# Triad

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



6C3891



754600



006366

# Complementary

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



6C3891



5D9138

# 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.



006237



6C3891



4E5500

# Square

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



6C3891



912E10



0E5E00



00628F

# Rectangle

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



6C3891



9D114B



0E5E00



006356



# Sweetspot

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



6C3891



AF9BBD



385D91



564A5E



DEDEDE



5E5E5E



# Same Dimension

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



6C3891



8331BD



91388A



444047



4F0087



040008



# Inverse Universe

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



91385D



BD316B



38913F



474043



870038

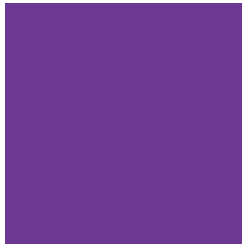


080003



# Previews

## White Background



This preview shows how the Hex color 6C3891 looks on a white background.

## Color Contrast Check

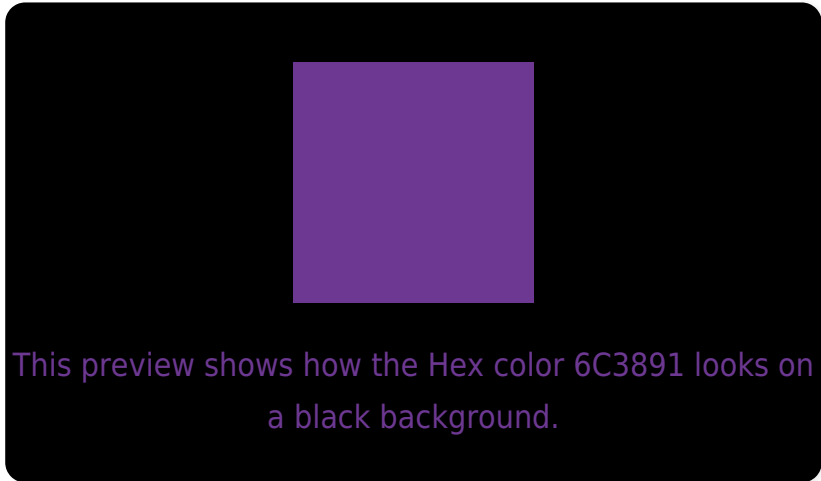
Large Text (above 18pt) WCAG AA ✓ Pass

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

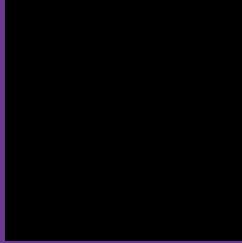
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C3891 Background



This preview shows how black text looks on a background with the Hex color 6C3891.

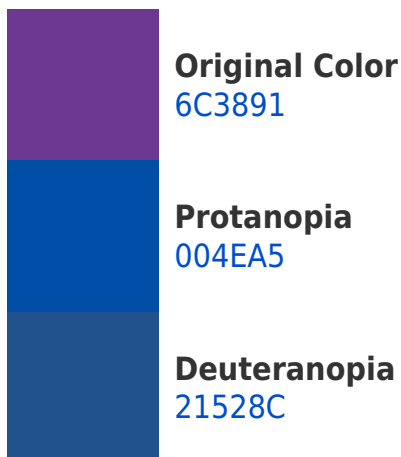


This preview shows how white text looks on a background with the Hex color 6C3891.

# 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**  
614B50

# Trichromacy



**Original Color**  
6C3891



**Protanomaly**  
27469E



**Deuteranomaly**  
3C498E



**Tritanomaly**  
654468

# Monochromacy



**Original Color**  
6C3891



**Achromatopsia**  
525252



**Achromatomaly**  
5B4969

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C3891 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 #6C3891 looks like.

```
.text, #text, p{  
    color:#6C3891  
}
```

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 #6C3891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C3891
}
```

## Border

The CSS property to change the border of an element to Hex 6C3891 is called "border". The border property can be set on classes, ids or directly on the HTML element.

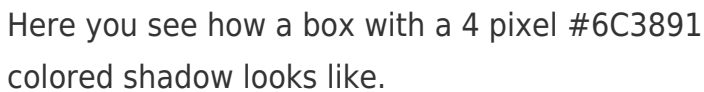
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C3891 }
```

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

```
.border{ border-color:#6C3891 }
```

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



Here you see how a box with a 4 pixel #6C3891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C3891; -webkit-box-shadow:4px 4px  
4px 4px #6C3891; box-shadow:4px 4px 4px  
4px #6C3891 }
```

# Background

The CSS property to change the background color of an element to Hex 6C3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C3891 }
```

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

```
.background{ background-color:#6C3891 }
```

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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