

Converting Colors

Hex(6C3B90)

Have a look what the booklet for
Hex(6C3B90) contains.

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Color

Hex(6C3B90)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 6C3B90 |
| RGB | 108, 59, 144 |
| RGB Percent | 42%, 23%, 56% |
| CMY | 0.5765, 0.7686, 0.4353 |
| CMYK | 0.25, 0.59, 0.00, 0.44 |
| HSL | 275°, 42%, 40% |
| HSV | 275°, 59%, 56% |
| XYZ | 12.7823, 8.3297, 27.3196 |
| YIQ | 83.3410, 1.9190, 36.8230 |

Conversions

Conversions Part 2

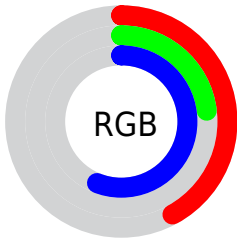
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 108, 59, 144 |
| Decimal | 7093136 |
| CIE _{Lab} | 34.66, 37.81, -38.80 |
| CIE _{LCh} | 35, 54.173, 314.257 |
| Yxy | 8.3297, 0.2639, 0.1720 |
| Android (android.graphics.Color) | 4285283216 (0xFF6C3B90) |
| YUV | 83.3410, 29.9049, 21.6259 |
| Hunter-Lab | 28.8612, 28.5488, -35.9203 |

Details

The Hex color **6C3B90** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5F903B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A26DC6**, and **39095D** is the 20% darker color. If you saturate the color by 10%, you get **662D90**, and if you desaturate by 10%, it is **724990**.

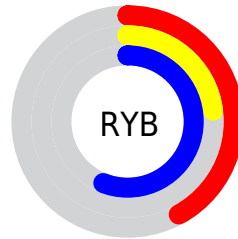
Distribution



Red (42%)

Green (23%)

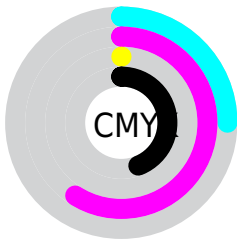
Blue (56%)



Red (42%)

Yellow (23%)

Blue (56%)

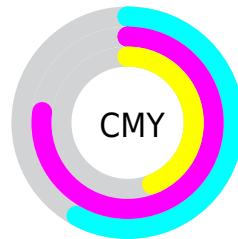


Cyan (25%)

Magenta (59%)

Yellow (0%)

Black (44%)



Cyan (58%)

Magenta (77%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C3B90 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 6C3B90 by changing the saturation by 10% instead.

 6C3B90

 6C3B90

FFFFFF

 522376

 A26DC6

 39095D

 BE87E3

 200045

 DAA1FF

 00002E

 F7BDFE

 000118

 FFD9FF

 000000

 FFF5FF

 6C3B90

 6C3B90

 662D90

 724990

601E90

785890

5A1090

7E6690

540190

847590

530090

8A8390

919190

97A090

9DAE90

A3BD90

Harmonies

Analogous

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



0050A6



6C3B90



92236A

Triad

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



6C3B90



764700



006466

Complementary

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



6C3B90



5F903B

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.



006338



6C3B90



515600

Square

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



6C3B90



913215



185F06



00638D

Rectangle

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



6C3B90



9C1A4D



185F06



006457

Sweetspot

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



6C3B90



AC99BA



3B6090



564A5E



DEDEDE



5E5E5E

Same Dimension

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



6C3B90



8236BA



903B8A



444047



4E0087



040008

Inverse Universe

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



903B5F



BA366E



3B9041



474043



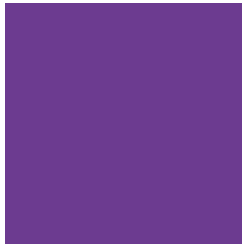
870039



080003

Previews

White Background



This preview shows how the Hex color 6C3B90 looks on a white background.

Color Contrast Check

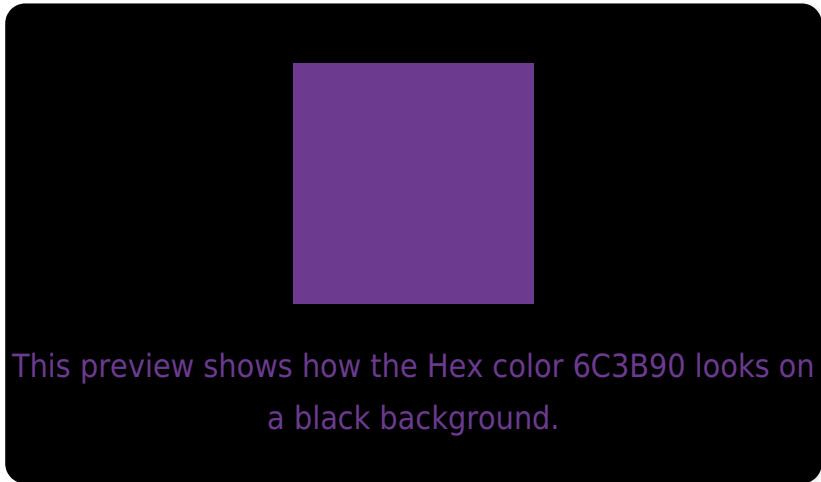
Large Text (above 18pt) WCAG AA ✓ Pass

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

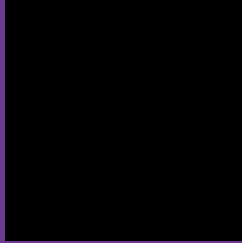
Any Text WCAG AA × Fail

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 6C3B90 Background



This preview shows how black text looks on a background with the Hex color 6C3B90.

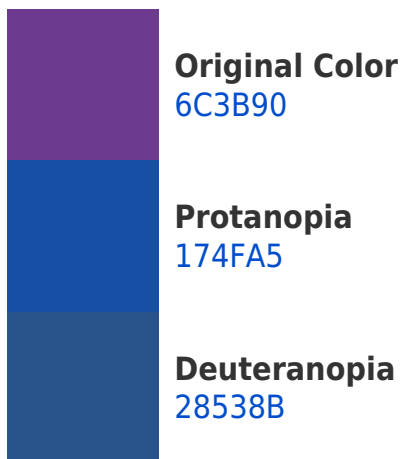


This preview shows how white text looks on a background with the Hex color 6C3B90.

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
614C52

Trichromacy



Original Color
6C3B90

Protanomaly
36489D

Deuteranomaly
414A8D

Tritanomaly
654669

Monochromacy



Original Color
6C3B90

Achromatopsia
535353

Achromatomaly
5C4A69

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C3B90 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 #6C3B90 looks like.

```
.text, #text, p{  
    color:#6C3B90  
}
```

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 #6C3B90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C3B90
}
```

Border

The CSS property to change the border of an element to Hex 6C3B90 is called "border". The border property can be set on classes, ids or directly on the HTML element.

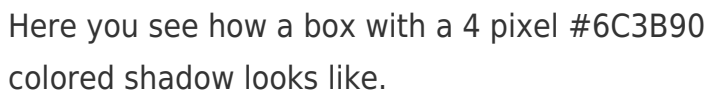
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C3B90 }
```

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

```
.border{ border-color:#6C3B90 }
```

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



Here you see how a box with a 4 pixel #6C3B90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C3B90; -webkit-box-shadow:4px 4px  
4px 4px #6C3B90; box-shadow:4px 4px 4px  
4px #6C3B90 }
```

Background

The CSS property to change the background color of an element to Hex 6C3B90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C3B90 }
```

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

```
.background{ background-color:#6C3B90 }
```

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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