

Converting Colors

Hex(6B3991)

Have a look what the booklet for
Hex(6B3991) contains.

Hex(6B3991)	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>	28

Color

Hex(6B3991)

Conversions

Conversions Part 1

Format	Color
Hex	6B3991
RGB	107, 57, 145
RGB Percent	42%, 22%, 57%
CMY	0.5804, 0.7765, 0.4314
CMYK	0.26, 0.61, 0.00, 0.43
HSL	274°, 44%, 40%
HSV	274°, 61%, 57%
XYZ	12.6374, 8.0964, 27.6848
YIQ	81.9820, 1.5520, 37.9680

Conversions

Conversions Part 2

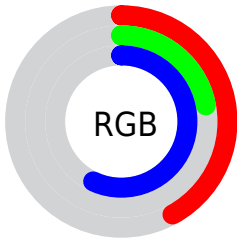
Format	Color
R_{YB}	107, 57, 145
Decimal	7027089
CIE _{Lab}	34.18, 38.89, -40.18
CIE _{LCh}	34, 55.921, 314.065
Yxy	8.0964, 0.2610, 0.1672
Android (android.graphics.Color)	4285217169 (0xFF6B3991)
YUV	81.9820, 31.0679, 21.9408
Hunter-Lab	28.4542, 29.4826, -37.7689

Details

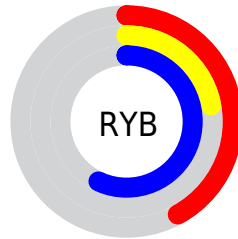
The Hex color **6B3991** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5F9139**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **A16BC7**, and **37065E** is the 20% darker color. If you saturate the color by 10%, you get **652B91**, and if you desaturate by 10%, it is **714891**.

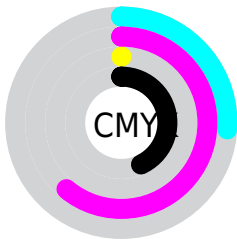
Distribution



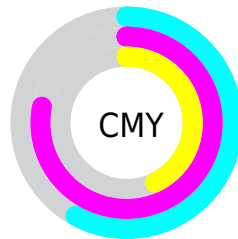
- Red (42%)
- Green (22%)
- Blue (57%)



- 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 6B3991 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 6B3991 by changing the saturation by 10% instead.

6B3991

6B3991

FFFFFF

512177

A16BC7

37065E

BD85E4

1F0046

D99FFF

00002F

F6BBFF

000119

FFD7FF

000000

FFF3FF

6B3991

6B3991

652B91

714891

■ 5E1C91

■ 785691

■ 580D91

■ 7E6491

■ 520091

■ 847391

■ 8A8291

■ 919091

■ 979F91

■ 9DAD91

■ A3BB91

Harmonies

Analogous

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



004FA8



6B3991



921E6A

Triad

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



6B3991



764600



006465

Complementary

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



6B3991



5F9139

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.



006236



6B3991



4F5500

Square

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



6B3991



912F12



135E01



00628E

Rectangle

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



6B3991



9C134C



135E01



006355

Sweetspot

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



6B3991



AE9BBD



395F91



554A5E



DEDEDE



5E5E5E

Same Dimension

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



6B3991



8133BD



91398B



444047



4D0087



040008

Inverse Universe

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



91395F



BD336E



39913F



474043



87003A



080003

Previews

White Background



This preview shows how the Hex color 6B3991 looks on a white background.

Color Contrast Check

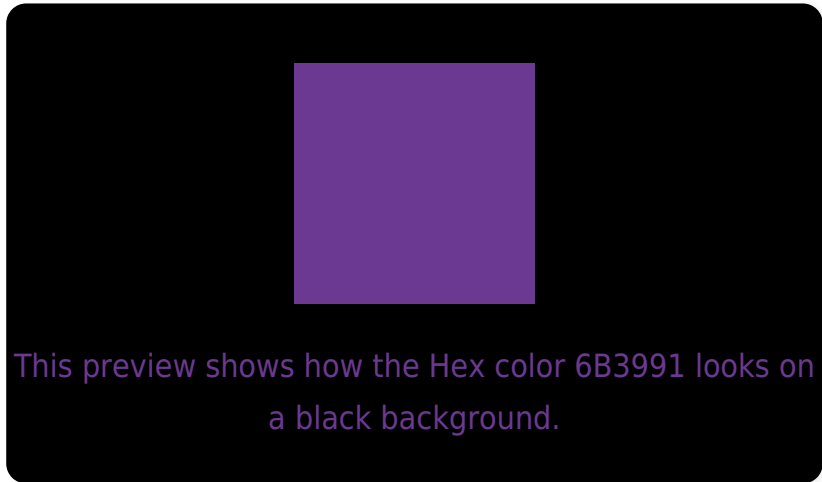
Large Text (above 18pt) WCAG AA ✓ Pass

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

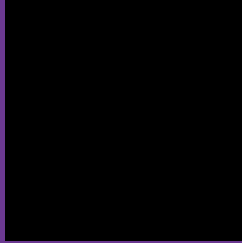
Any Text WCAG AA × Fail

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 6B3991 Background



This preview shows how black text looks on a background with the Hex color 6B3991.

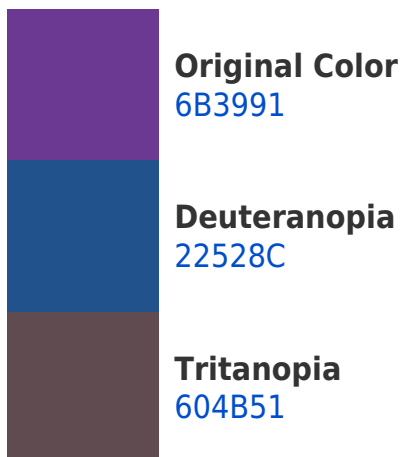


This preview shows how white text looks on a background with the Hex color 6B3991.

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



Original Color
6B3991

Deuteranomaly
3D498E

Tritanomaly
644468

Monochromacy



Original Color
6B3991

Achromatopsia
525252

Achromatomaly
5B4969

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B3991 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 #6B3991 looks like.

```
.text, #text, p{  
    color:#6B3991  
}
```

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 #6B3991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B3991
}
```

Border

The CSS property to change the border of an element to Hex 6B3991 is called "border". The border property can be set on classes, ids or directly on the HTML element.

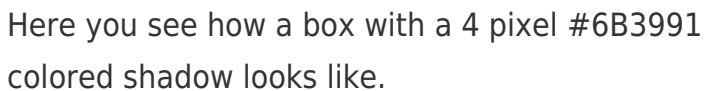
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B3991 }
```

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

```
.border{ border-color:#6B3991 }
```

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



Here you see how a box with a 4 pixel #6B3991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B3991; -webkit-box-shadow:4px 4px  
4px 4px #6B3991; box-shadow:4px 4px 4px  
4px #6B3991 }
```

Background

The CSS property to change the background color of an element to Hex 6B3991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B3991 }
```

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

```
.background{ background-color:#6B3991 }
```

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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