

Converting Colors

Hex(6B3091)

Have a look what the booklet for
Hex(6B3091) contains.

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Color

Hex(6B3091)

Conversions

Conversions Part 1

Format	Color
Hex	6B3091
RGB	107, 48, 145
RGB Percent	42%, 19%, 57%
CMY	0.5804, 0.8118, 0.4314
CMYK	0.26, 0.67, 0.00, 0.43
HSL	276°, 50%, 38%
HSV	276°, 67%, 57%
XYZ	12.2312, 7.2840, 27.5494
YIQ	76.6990, 4.0270, 42.6750

Conversions

Conversions Part 2

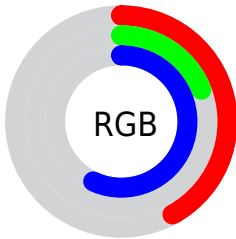
Format	Color
R_{YB}	107, 48, 145
Decimal	7024785
CIE _{Lab}	32.44, 43.62, -42.97
CIE _{LCh}	32, 61.230, 315.428
Yxy	7.2840, 0.2599, 0.1548
Android (android.graphics.Color)	4285214865 (0xFF6B3091)
YUV	76.6990, 33.6724, 26.5740
Hunter-Lab	26.9890, 33.6642, -41.6289

Details

The Hex color **6B3091** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **569130**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **A162C8**, and **37005E** is the 20% darker color. If you saturate the color by 10%, you get **652191**, and if you desaturate by 10%, it is **713E91**.

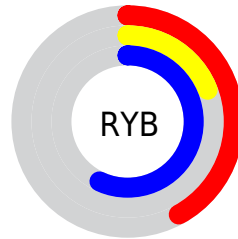
Distribution



Red (42%)

Green (19%)

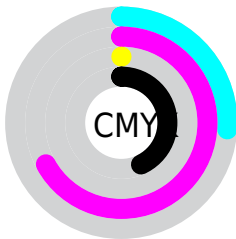
Blue (57%)



Red (42%)

Yellow (19%)

Blue (57%)

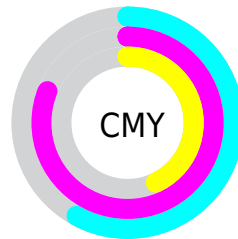


Cyan (26%)

Magenta (67%)

Yellow (0%)

Black (43%)



Cyan (58%)

Magenta (81%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B3091 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 6B3091 by changing the saturation by 10% instead.

6B3091

6B3091

FFFFFF

511677

A162C8

37005E

BD7CE4

1F0046

DA97FF

00002E

F7B2FF

000118

FFCEFF

000000

FFEBFF

6B3091

6B3091

652191

713E91

601391

764D91

5A0491

7C5B91

580091

826A91

877991

8D8791

939591

98A491

9EB391

Harmonies

Analogous

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



004AAB



6B3091



940166

Triad

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



6B3091



714100



006065

Complementary

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



6B3091



569130

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.



005F32



6B3091



475200

Square

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



6B3091



902603



005B00



005F91

Rectangle

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



6B3091



9E0046



005B00



006054

Sweetspot

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



6B3091



AE97BD



305791



55485E



DEDEDE



5E5E5E

Same Dimension

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



6B3091



8226BD



913087



454047



520087



050008

Inverse Universe

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



913056



BD2661



30913A



474043



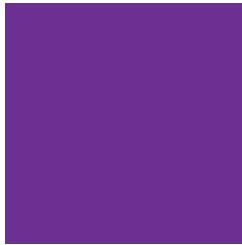
870035



080003

Previews

White Background



This preview shows how the Hex color 6B3091 looks on a white background.

Color Contrast Check

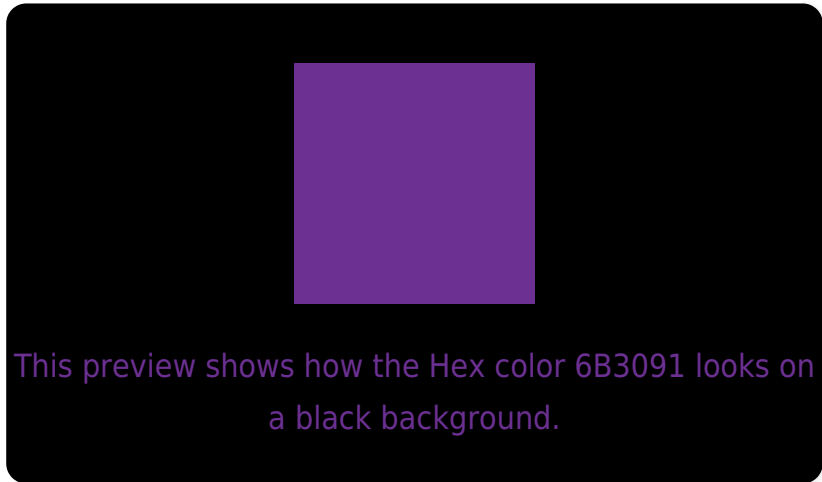
Large Text (above 18pt) WCAG AA ✓ Pass

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

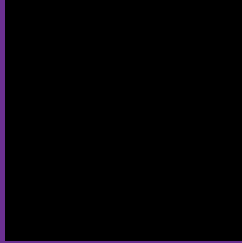
Any Text WCAG AA × Fail

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 6B3091 Background



This preview shows how black text looks on a background with the Hex color 6B3091.



This preview shows how white text looks on a background with the Hex color 6B3091.

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



Original Color
6B3091

Protanopia
004A9D

Deuteranopia
004E8B



Tritanopia
5F464B

Trichromacy



Original Color
6B3091



Protanomaly
274199



Deuteranomaly
27438D



Tritanomaly
633E64

Monochromacy



Original Color
6B3091



Achromatopsia
4D4D4D



Achromatomaly
584266

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B3091 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 #6B3091 looks like.

```
.text, #text, p{  
    color:#6B3091  
}
```

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 #6B3091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B3091
}
```

Border

The CSS property to change the border of an element to Hex 6B3091 is called "border". The border property can be set on classes, ids or directly on the HTML element.

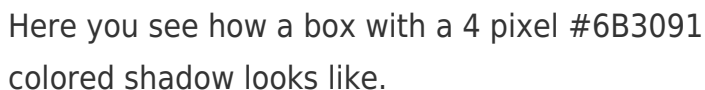
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B3091 }
```

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

```
.border{ border-color:#6B3091 }
```

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



Here you see how a box with a 4 pixel #6B3091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B3091; -webkit-box-shadow:4px 4px  
4px 4px #6B3091; box-shadow:4px 4px 4px  
4px #6B3091 }
```

Background

The CSS property to change the background color of an element to Hex 6B3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B3091 }
```

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

```
.background{ background-color:#6B3091 }
```

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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