

Converting Colors

Hex(6B2193)

Have a look what the booklet for
Hex(6B2193) contains.

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Color

Hex(6B2193)

Conversions

Conversions Part 1

Format	Color
Hex	6B2193
RGB	107, 33, 147
RGB Percent	42%, 13%, 58%
CMY	0.5804, 0.8706, 0.4235
CMYK	0.27, 0.78, 0.00, 0.42
HSL	279°, 63%, 35%
HSV	279°, 78%, 58%
XYZ	11.8737, 6.3201, 28.1978
YIQ	68.1220, 7.5100, 51.1420

Conversions

Conversions Part 2

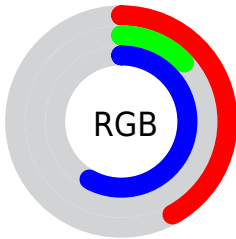
Format	Color
R_{YB}	107, 33, 147
Decimal	7020947
CIE _{Lab}	30.21, 50.79, -47.82
CIE _{LCh}	30, 69.754, 316.725
Yxy	6.3201, 0.2559, 0.1362
Android (android.graphics.Color)	4285211027 (0xFF6B2193)
YUV	68.1220, 38.8869, 34.0960
Hunter-Lab	25.1398, 40.3123, -48.9043

Details

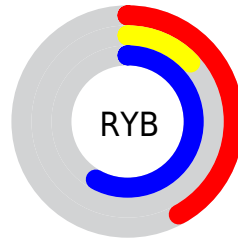
The Hex color **6B2193** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **499321**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **A256CA**, and **35005F** is the 20% darker color. If you saturate the color by 10%, you get **661293**, and if you desaturate by 10%, it is **703093**.

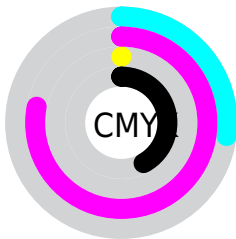
Distribution



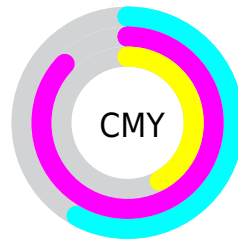
- Red (42%)
- Green (13%)
- Blue (58%)



- Red (42%)
- Yellow (13%)
- Blue (58%)



- Cyan (27%)
- Magenta (78%)
- Yellow (0%)
- Black (42%)



- Cyan (58%)
- Magenta (87%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B2193 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 6B2193 by changing the saturation by 10% instead.

6B2193

6B2193

FFFFFF

500079

A256CA

35005F

BE70E6

1F0047

DB8BFF

00002F

F9A6FF

00011A

FFC2FF

000000

FFDFFF

FFFCFF

6B2193

6B2193

■ 661293

■ 703093

■ 610493

■ 753E93

■ 5F0093

■ 7A4D93

■ 805C93

■ 856A93

■ 8A7993

■ 8F8893

■ 949793

■ 99A593

Harmonies

Analogous

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



0045B2



6B2193



980062

Triad

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



6B2193



6B3C00



005C65

Complementary

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



6B2193



499321

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.



005A2C



6B2193



3B4E00

Square

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



6B2193



8F1500



005700



005B97

Rectangle

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



6B2193



A1003E



005700



005C53

Sweetspot

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



6B2193



B093BF



214B93



574661



E0E0E0



616161

Same Dimension

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



6B2193



810DBF



932184



47434A



59008A



07000A

Inverse Universe

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



932149



BF0D4C



219330



4A4345



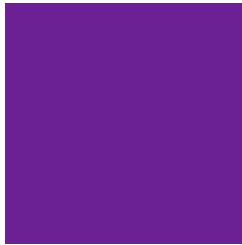
8A0030



0A0004

Previews

White Background



This preview shows how the Hex color 6B2193 looks on a white background.

Color Contrast Check

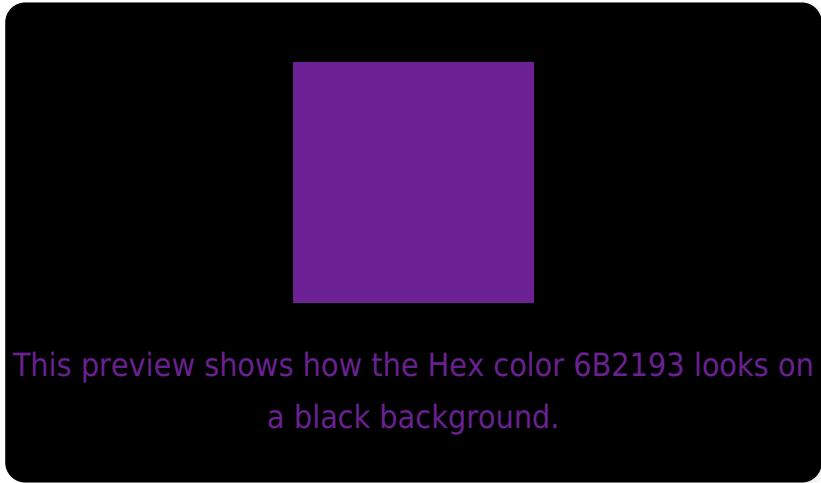
Large Text (above 18pt) WCAG AA ✓ Pass

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

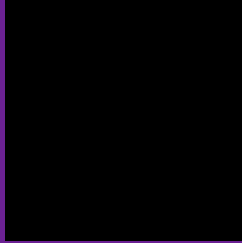
Any Text WCAG AA × Fail

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 6B2193 Background



This preview shows how black text looks on a background with the Hex color 6B2193.



This preview shows how white text looks on a background with the Hex color 6B2193.

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
6B2193

Protanopia
004693

Deuteranopia
004A81

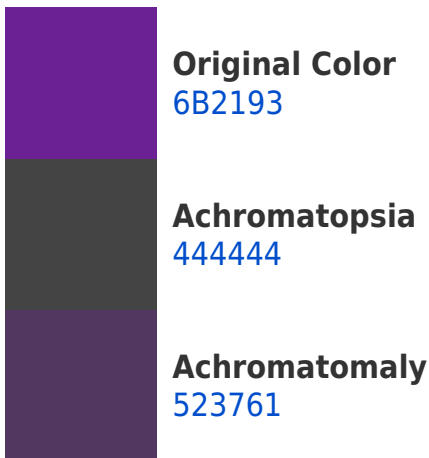


Tritanopia
5E4044

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B2193 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 #6B2193 looks like.

```
.text, #text, p{  
    color:#6B2193  
}
```

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 #6B2193 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B2193
}
```

Border

The CSS property to change the border of an element to Hex 6B2193 is called "border". The border property can be set on classes, ids or directly on the HTML element.

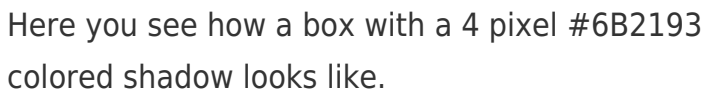
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B2193 }
```

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

```
.border{ border-color:#6B2193 }
```

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



Here you see how a box with a 4 pixel #6B2193 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B2193; -webkit-box-shadow:4px 4px  
4px 4px #6B2193; box-shadow:4px 4px 4px  
4px #6B2193 }
```

Background

The CSS property to change the background color of an element to Hex 6B2193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B2193 }
```

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

```
.background{ background-color:#6B2193 }
```

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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