

Converting Colors

Hex(6B1B8E)

Have a look what the booklet for
Hex(6B1B8E) contains.

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Color

Hex(6B1B8E)

Conversions

Conversions Part 1

Format	Color
Hex	6B1B8E
RGB	107, 27, 142
RGB Percent	42%, 11%, 56%
CMY	0.5804, 0.8941, 0.4431
CMYK	0.25, 0.81, 0.00, 0.44
HSL	282°, 68%, 33%
HSV	282°, 81%, 56%
XYZ	11.3378, 5.8627, 26.1252
YIQ	64.0300, 10.7650, 52.7250

Conversions

Conversions Part 2

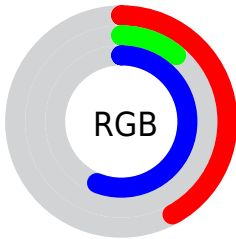
Format	Color
R_{YB}	107, 27, 142
Decimal	7019406
CIE _{Lab}	29.06, 51.89, -46.58
CIE _{LCh}	29, 69.735, 318.086
Yxy	5.8627, 0.2617, 0.1353
Android (android.graphics.Color)	4285209486 (0xFF6B1B8E)
YUV	64.0300, 38.4392, 37.6847
Hunter-Lab	24.2129, 41.2109, -47.0236

Details

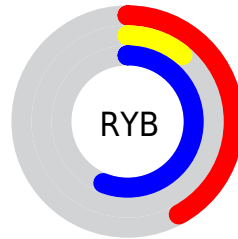
The Hex color **6B1B8E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **3E8E1B**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **A251C5**, and **35005B** is the 20% darker color. If you saturate the color by 10%, you get **670D8E**, and if you desaturate by 10%, it is **6F298E**.

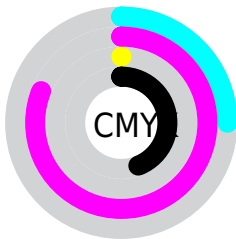
Distribution



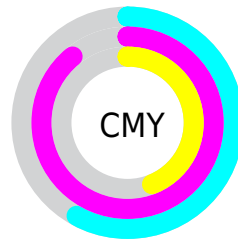
- Red (42%)
- Green (11%)
- Blue (56%)



- Red (42%)
- Yellow (11%)
- Blue (56%)



- Cyan (25%)
- Magenta (81%)
- Yellow (0%)
- Black (44%)



- Cyan (58%)
- Magenta (89%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B1B8E 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 6B1B8E by changing the saturation by 10% instead.



6B1B8E



6B1B8E

FFFFFF



500074



A251C5



35005B



BE6CE1



1F0043



DB86FE



00002B



F9A2FF



000115



FFBEFF



000000



FFDAFF



FFF7FF



6B1B8E



6B1B8E

670D8E

6F298E

63008E

74378E

78468E

7C548E

81628E

85708E

897E8E

8E8D8E

929B8E

Harmonies

Analogous

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



0041AE



6B1B8E



95005C

Triad

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



6B1B8E



663B00



005965

Complementary

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



6B1B8E



3E8E1B

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.



00582C



6B1B8E



364C00

Square

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



6B1B8E



8A1400



005400



005895

Rectangle

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



6B1B8E



9D0039



005400



005952

Sweetspot

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



6B1B8E



AA8CB8



1B3F8E



54415C



DBDBDB



5C5C5C

Same Dimension

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



6B1B8E



8106B8



8E1B79



454047



5E0087



050008

Inverse Universe

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



8E1B3E



B8063C



1B8E30



474042



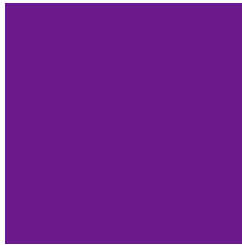
870029



080002

Previews

White Background



This preview shows how the Hex color 6B1B8E looks on a white background.

Color Contrast Check

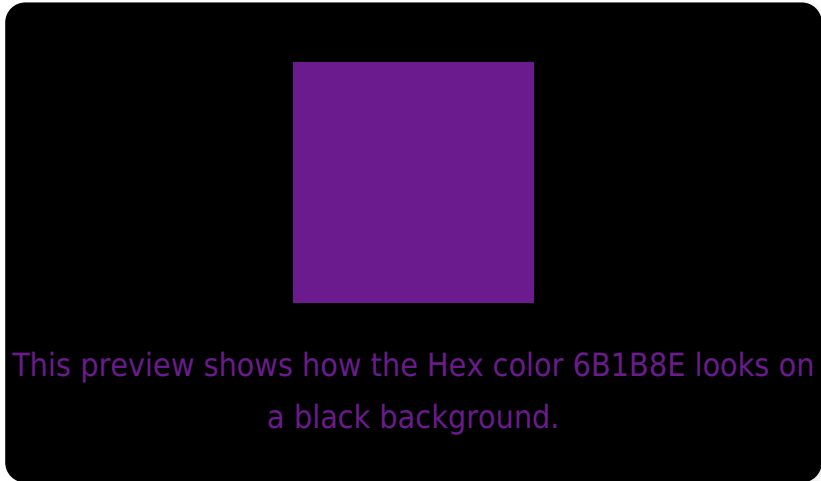
Large Text (above 18pt) WCAG AA ✓ Pass

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

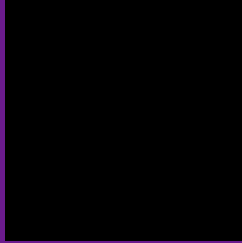
Any Text WCAG AA × Fail

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 6B1B8E Background



This preview shows how black text looks on a background with the Hex color 6B1B8E.



This preview shows how white text looks on a background with the Hex color 6B1B8E.

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
6B1B8E

Protanopia
00438E

Deuteranopia
00477C



Tritanopia
5F3C40

Trichromacy



Original Color
6B1B8E

Protanomaly
27348E

Deuteranomaly
273783

Tritanomaly
63305C

Monochromacy



Original Color
6B1B8E

Achromatopsia
404040

Achromatomaly
50335C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B1B8E 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 #6B1B8E looks like.

```
.text, #text, p{  
    color:#6B1B8E  
}
```

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 #6B1B8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B1B8E
}
```

Border

The CSS property to change the border of an element to Hex 6B1B8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

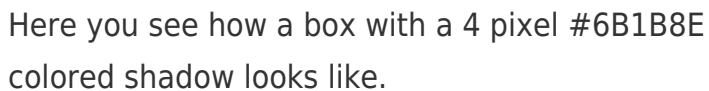
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B1B8E }
```

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

```
.border{ border-color:#6B1B8E }
```

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



Here you see how a box with a 4 pixel #6B1B8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B1B8E; -webkit-box-shadow:4px 4px  
4px 4px #6B1B8E; box-shadow:4px 4px 4px  
4px #6B1B8E }
```

Background

The CSS property to change the background color of an element to Hex 6B1B8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B1B8E }
```

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

```
.background{ background-color:#6B1B8E }
```

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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