

# Converting Colors

Hex(6B1F99)

Have a look what the booklet for  
Hex(6B1F99) contains.

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**Color**

**Hex(6B1F99)**

# Conversions

## Conversions Part 1

| Format      | Color                    |
|-------------|--------------------------|
| Hex         | 6B1F99                   |
| RGB         | 107, 31, 153             |
| RGB Percent | 42%, 12%, 60%            |
| CMY         | 0.5804, 0.8784, 0.4000   |
| CMYK        | 0.30, 0.80, 0.00, 0.40   |
| HSL         | 277°, 66%, 36%           |
| HSV         | 277°, 80%, 60%           |
| XYZ         | 12.3032, 6.4057, 30.7250 |
| YIQ         | 67.6320, 6.1340, 54.0540 |

# Conversions

## Conversions Part 2

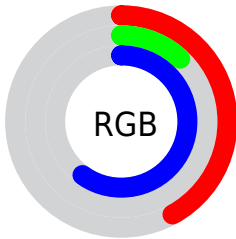
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 107, 31, 153                  |
| Decimal                             | 7020441                       |
| CIE <sub>Lab</sub>                  | 30.41, 52.87, -51.16          |
| CIE <sub>LCh</sub>                  | 30, 73.568, 315.942           |
| Yxy                                 | 6.4057, 0.2489,<br>0.1296     |
| Android<br>(android.graphics.Color) | 4285210521<br>(0xFF6B1F99)    |
| YUV                                 | 67.6320, 42.0864,<br>34.5257  |
| Hunter-Lab                          | 25.3094, 42.4790,<br>-54.2598 |

# Details

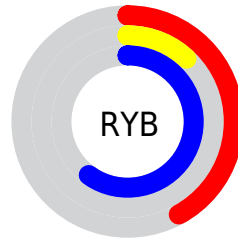
The Hex color **6B1F99** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4D991F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **A355D0**, and **340065** is the 20% darker color. If you saturate the color by 10%, you get **651099**, and if you desaturate by 10%, it is **712E99**.

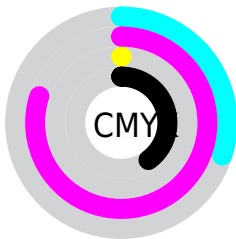
# Distribution



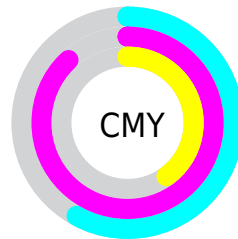
- Red (42%)
- Green (12%)
- Blue (60%)



- Red (42%)
- Yellow (12%)
- Blue (60%)



- Cyan (30%)
- Magenta (80%)
- Yellow (0%)
- Black (40%)



- Cyan (58%)
- Magenta (88%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B1F99 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 6B1F99 by changing the saturation by 10% instead.



6B1F99

6B1F99

FFFFFF

50007E

A355D0

340065

BF6FED

1C004C

DC8AFF

000034

FAA5FF

00021E

FFC1FF

000000

FFDEFF

FFFBFF

6B1F99

6B1F99

■ 651099

■ 712E99

■ 5F0099

■ 773E99

■ 7C4D99

■ 825C99

■ 886B99

■ 8E7B99

■ 938A99

■ 999999

■ 9FA999

# Harmonies

## Analogous

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



0046B9



6B1F99



9C0065

# Triad

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



6B1F99



6E3B00



005D66

# Complementary

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



6B1F99



4D991F

# 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.



005B29



6B1F99



3C4F00

# Square

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



6B1F99



930B00



005800



005D9B

# Rectangle

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



6B1F99



A5003F



005800



005D52



# Sweetspot

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



6B1F99



B597C7



1F4E99



594763



E3E3E3



636363



# Same Dimension

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



6B1F99



7F08C7



991F8B



4A454D



57008C



08000D



# Inverse Universe

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



991F4D



C70850



1F992D



4D4548



8C0035

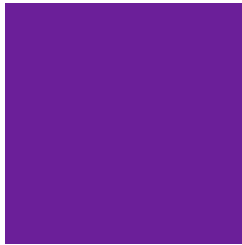


0D0005



# Previews

## White Background



This preview shows how the Hex color 6B1F99 looks on a white background.

## Color Contrast Check

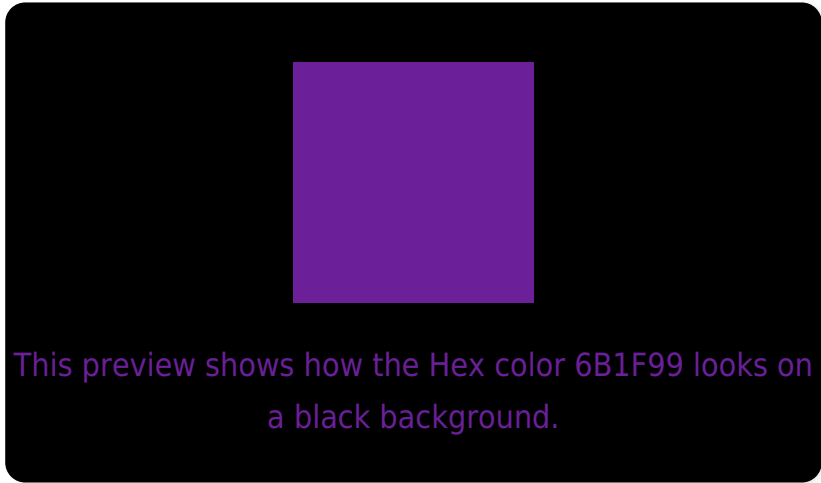
Large Text (above 18pt) WCAG AA ✓ Pass

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

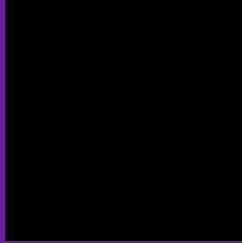
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B1F99 Background



This preview shows how black text looks on a background with the Hex color 6B1F99.

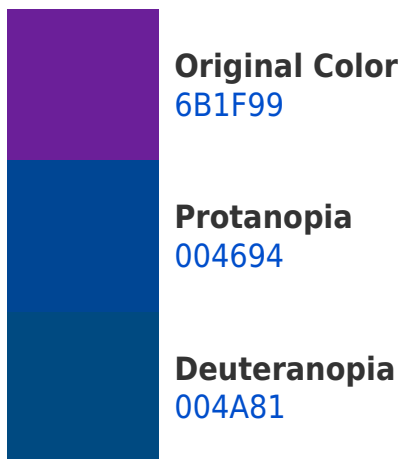


This preview shows how white text looks on a background with the Hex color 6B1F99.

# 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**  
5D4146

# Trichromacy



**Original Color**  
6B1F99



**Protanomaly**  
273896



**Deuteranomaly**  
273A8A



**Tritanomaly**  
623564

# Monochromacy



**Original Color**  
6B1F99



**Achromatopsia**  
444444



**Achromatomaly**  
523763

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B1F99 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 #6B1F99 looks like.

```
.text, #text, p{  
    color:#6B1F99  
}
```

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 #6B1F99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B1F99
}
```

## Border

The CSS property to change the border of an element to Hex 6B1F99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

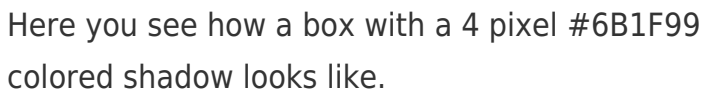
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B1F99 }
```

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

```
.border{ border-color:#6B1F99 }
```

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



Here you see how a box with a 4 pixel #6B1F99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B1F99; -webkit-box-shadow:4px 4px  
4px 4px #6B1F99; box-shadow:4px 4px 4px  
4px #6B1F99 }
```

# Background

The CSS property to change the background color of an element to Hex 6B1F99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B1F99 }
```

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

```
.background{ background-color:#6B1F99 }
```

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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