

Converting Colors

Hex(6B2777)

Have a look what the booklet for
Hex(6B2777) contains.

| | |
|--|----|
| Hex(6B2777) | 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> | 29 |

Color

Hex(6B2777)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6B2777 |
| RGB | 107, 39, 119 |
| RGB Percent | 42%, 15%, 47% |
| CMY | 0.5804, 0.8471, 0.5333 |
| CMYK | 0.10, 0.67, 0.00, 0.53 |
| HSL | 291°, 51%, 31% |
| HSV | 291°, 67%, 47% |
| XYZ | 10.1187, 5.9087, 18.0600 |
| YIQ | 68.4520, 14.8480, 39.2960 |

Conversions

Conversions Part 2

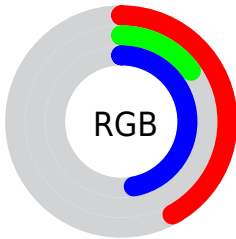
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 107, 39, 119 |
| Decimal | 7022455 |
| CIE _{Lab} | 29.18, 42.23, -31.99 |
| CIE _{LCh} | 29, 52.976, 322.854 |
| Yxy | 5.9087, 0.2968, 0.1733 |
| Android (android.graphics.Color) | 4285212535 (0xFF6B2777) |
| YUV | 68.4520, 24.9202, 33.8066 |
| Hunter-Lab | 24.3079, 31.7656, -27.0349 |

Details

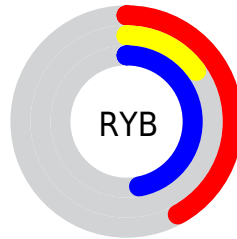
The Hex color **6B2777** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **337727**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **A15AAC**, and **380046** is the 20% darker color. If you saturate the color by 10%, you get **691B77**, and if you desaturate by 10%, it is **6D3377**.

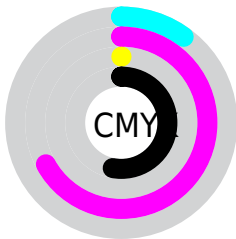
Distribution



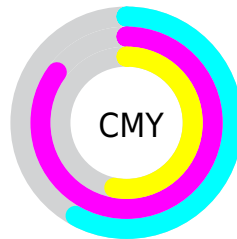
- Red (42%)
- Green (15%)
- Blue (47%)



- Red (42%)
- Yellow (15%)
- Blue (47%)



- Cyan (10%)
- Magenta (67%)
- Yellow (0%)
- Black (53%)



- Cyan (58%)
- Magenta (85%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B2777 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 6B2777 by changing the saturation by 10% instead.

■ 6B2777

■ 6B2777

FFFFFF

■ 510A5E

■ A15AAC

■ 380046

■ BD73C7

■ 24002F

■ D98EE3

■ 000119

■ F6A9FF

■ 000000

■ FFC5FF

■ FFE1FF

FFFEFF

■ 6B2777

■ 6B2777

■ 691B77

■ 6D3377

■ 670F77

■ 6F3F77

■ 660377

■ 704B77

■ 650077

■ 725777

■ 746377

■ 766E77

■ 777A77

■ 798677

■ 7B9277

Harmonies

Analogous

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



233E91



6B2777



870950

Triad

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



6B2777



5D4000



005664

Complementary

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



6B2777



337727

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.



005539



6B2777



374C00

Square

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



6B2777



7A2C00



00520B



005486

Rectangle

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



6B2777



8B0735



00520B



005656

Sweetspot

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



6B2777



977C9C



273377



4C3C4F



CFCFCF



4F4F4F

Same Dimension

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



6B2777



891E9C



77275B



3A353B



68007A



D400FA

Inverse Universe

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



772733



9C1E30



277743



3B3536



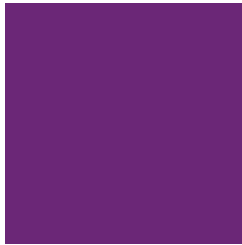
7A0012



FA0025

Previews

White Background



This preview shows how the Hex color 6B2777 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

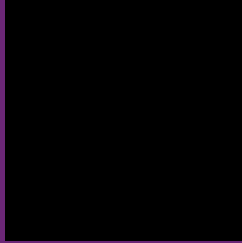
Any Text WCAG AA × Fail

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 6B2777 Background



This preview shows how black text looks on a background with the Hex color 6B2777.

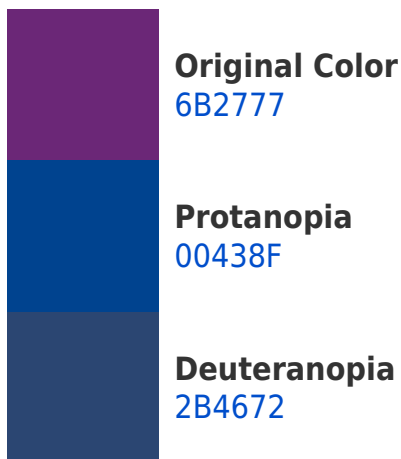



This preview shows how white text looks on a background with the Hex color 6B2777.

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
63393D

Trichromacy



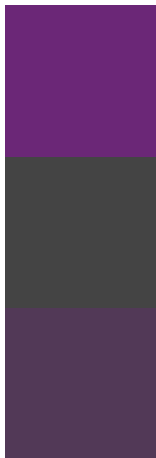
Original Color
6B2777

Protanomaly
273986

Deuteranomaly
423B74

Tritanomaly
663252

Monochromacy



Original Color
6B2777

Achromatopsia
444444

Achromatomaly
523957

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B2777 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 #6B2777 looks like.

```
.text, #text, p{  
    color:#6B2777  
}
```

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 #6B2777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B2777
}
```

Border

The CSS property to change the border of an element to Hex 6B2777 is called "border". The border property can be set on classes, ids or directly on the HTML element.

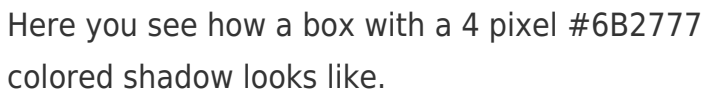
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B2777 }
```

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

```
.border{ border-color:#6B2777 }
```

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



Here you see how a box with a 4 pixel #6B2777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B2777; -webkit-box-shadow:4px 4px  
4px 4px #6B2777; box-shadow:4px 4px 4px  
4px #6B2777 }
```

Background

The CSS property to change the background color of an element to Hex 6B2777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B2777 }
```

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

```
.background{ background-color:#6B2777 }
```

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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