

# Converting Colors

Hex(6B346E)

Have a look what the booklet for  
Hex(6B346E) contains.

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# Color

**Hex(6B346E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B346E
RGB	107, 52, 110
RGB Percent	42%, 20%, 43%
CMY	0.5804, 0.7961, 0.5686
CMYK	0.03, 0.53, 0.00, 0.57
HSL	297°, 36%, 32%
HSV	297°, 53%, 43%
XYZ	10.1059, 6.7076, 15.5139
YIQ	75.0570, 14.1620, 29.6980

# Conversions

## Conversions Part 2

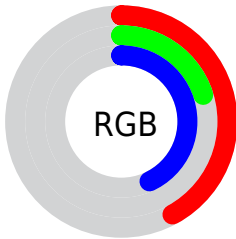
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 52, 110
Decimal	7025774
CIE <sub>Lab</sub>	31.13, 33.72, -23.20
CIE <sub>LCh</sub>	31, 40.928, 325.472
Yxy	6.7076, 0.3126, 0.2075
Android (android.graphics.Color)	4285215854 (0xFF6B346E)
YUV	75.0570, 17.2269, 28.0140
Hunter-Lab	25.8990, 24.3281, -17.3864

# Details

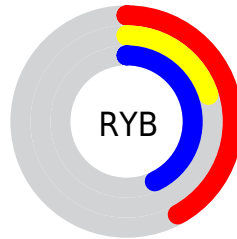
The Hex color **6B346E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **376E34**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A065A2**, and **39023E** is the 20% darker color. If you saturate the color by 10%, you get **6A296E**, and if you desaturate by 10%, it is **6C3F6E**.

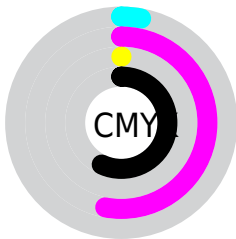
# Distribution



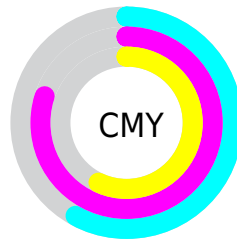
- Red (42%)
- Green (20%)
- Blue (43%)



- Red (42%)
- Yellow (20%)
- Blue (43%)



- Cyan (3%)
- Magenta (53%)
- Yellow (0%)
- Black (57%)



- Cyan (58%)
- Magenta (80%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B346E 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 6B346E by changing the saturation by 10% instead.



6B346E

6B346E

FFFFFF

521C55

A065A2

39023E

BB7FBD

250028

D899D9

000112

F4B4F5

000000

FFD0FF

FFEDFF

6B346E

6B346E

6A296E

6C3F6E

6A1E6E

6C4A6E

69136E

6D556E

69086E

6D606E

68006E

6E6B6E

6E766E

6F816E

708C6E

70976E

# Harmonies

## Analogous

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



3F4383



6B346E



7F2950

# Triad

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



6B346E



5D4600



005864

# Complementary

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



6B346E



376E34

# 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.



005843



6B346E



3E5005

# Square

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



6B346E



743913



0B5523



00557E

# Rectangle

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



6B346E



82293A



0B5523



005859



# Sweetspot

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



6B346E



8E788F



34386E



473A47



C7C7C7



474747



# Same Dimension

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



6B346E



8A358F



6E3455



383238



720078



EB00F7



# Inverse Universe

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



6E3437



8F3539



346E4D



383233



780006



F7000D



# Previews

## White Background



This preview shows how the Hex color 6B346E looks on a white background.

## Color Contrast Check

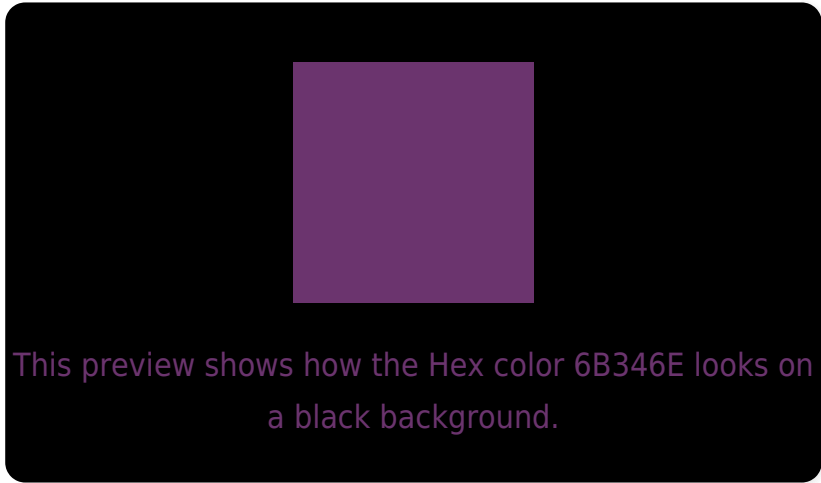
Large Text (above 18pt) WCAG AA ✓ Pass

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

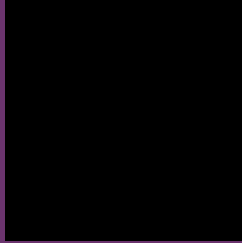
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B346E Background



This preview shows how black text looks on a background with the Hex color 6B346E.



This preview shows how white text looks on a background with the Hex color 6B346E.

# 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**  
663F43

# Trichromacy



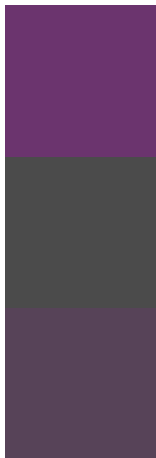
**Original Color**  
6B346E

**Protanomaly**  
464179

**Deuteranomaly**  
4E416B

**Tritanomaly**  
683B53

# Monochromacy



**Original Color**  
6B346E

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
574358

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B346E 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 #6B346E looks like.

```
.text, #text, p{  
    color:#6B346E  
}
```

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 #6B346E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B346E
}
```

## Border

The CSS property to change the border of an element to Hex 6B346E is called "border". The border property can be set on classes, ids or directly on the HTML element.

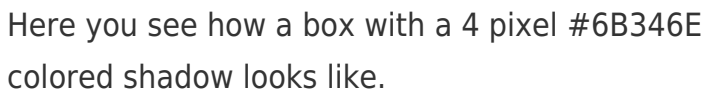
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B346E }
```

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

```
.border{ border-color:#6B346E }
```

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



Here you see how a box with a 4 pixel #6B346E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B346E; -webkit-box-shadow:4px 4px  
4px 4px #6B346E; box-shadow:4px 4px 4px  
4px #6B346E }
```

# Background

The CSS property to change the background color of an element to Hex 6B346E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B346E }
```

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

```
.background{ background-color:#6B346E }
```

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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