

# Converting Colors

Hex(6B3A76)

Have a look what the booklet for  
Hex(6B3A76) contains.

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# Color

**Hex(6B3A76)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B3A76
RGB	107, 58, 118
RGB Percent	42%, 23%, 46%
CMY	0.5804, 0.7725, 0.5373
CMYK	0.09, 0.51, 0.00, 0.54
HSL	289°, 34%, 35%
HSV	289°, 51%, 46%
XYZ	10.8465, 7.4599, 18.0078
YIQ	79.4910, 9.9440, 29.0480

# Conversions

## Conversions Part 2

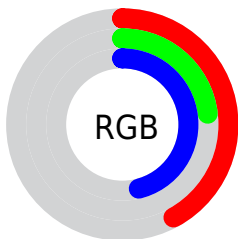
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 58, 118
Decimal	7027318
CIE <sub>Lab</sub>	32.83, 32.04, -25.59
CIE <sub>LCh</sub>	33, 41.005, 321.388
Yxy	7.4599, 0.2987, 0.2054
Android (android.graphics.Color)	4285217398 (0xFF6B3A76)
YUV	79.4910, 18.9849, 24.1254
Hunter-Lab	27.3128, 23.0884, -19.9718

# Details

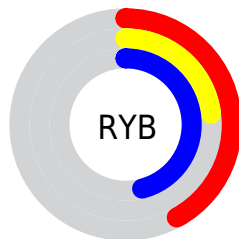
The Hex color **6B3A76** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **45763A**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **A06BAA**, and **390A45** is the 20% darker color. If you saturate the color by 10%, you get **692E76**, and if you desaturate by 10%, it is **6D4676**.

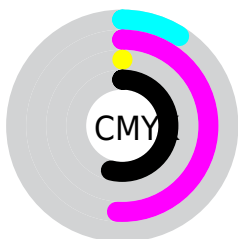
# Distribution



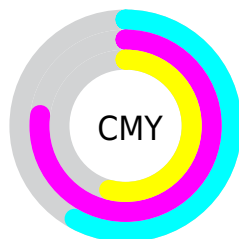
- Red (42%)
- Green (23%)
- Blue (46%)



- Red (42%)
- Yellow (23%)
- Blue (46%)



- Cyan (9%)
- Magenta (51%)
- Yellow (0%)
- Black (54%)



- Cyan (58%)
- Magenta (77%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B3A76 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 6B3A76 by changing the saturation by 10% instead.



6B3A76

6B3A76

FFFFFF

52235D

A06BAA

390A45

BB85C6

24002F

D79FE2

000019

F4BBFF

000000

FFD7FF

FFF3FF

6B3A76

6B3A76

692E76

6D4676

672276

6F5276

651776

715D76

620B76

746976

600076

767576

788176

7A8D76

7C9876

7EA476

# Harmonies

## Analogous

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



3B498A



6B3A76



822E58

# Triad

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



6B3A76



654803



005C64

# Complementary

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



6B3A76



45763A

# 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.



005C42



6B3A76



475206

# Square

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



6B3A76



7C3B1B



1C5922



005A7F

# Rectangle

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



6B3A76



872D42



1C5922



005C59



# Sweetspot

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



6B3A76



958299



3A4576



4A3F4D



CCCCCC



4D4D4D



# Same Dimension

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



6B3A76



883C99



763A63



3A353B



64007A



CC00FA



# Inverse Universe

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



763A45



993C4D



3A764D



3B3536



7A0016



FA002E



# Previews

## White Background



This preview shows how the Hex color 6B3A76 looks on a white background.

## Color Contrast Check

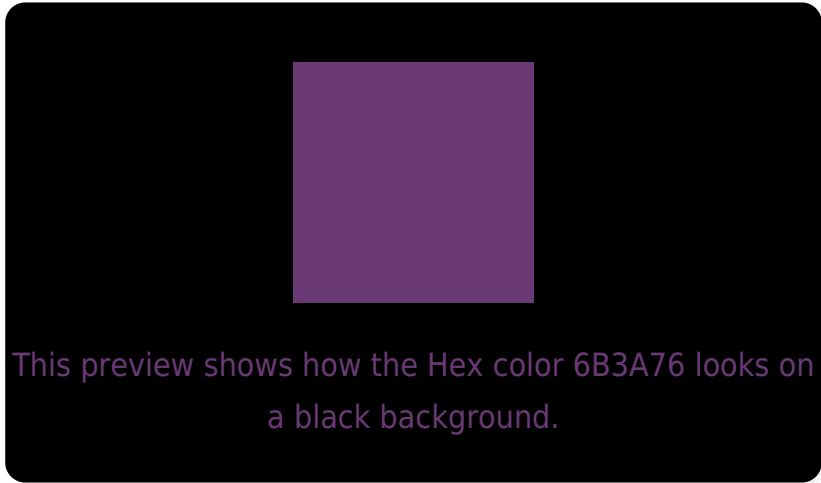
Large Text (above 18pt) WCAG AA ✓ Pass

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

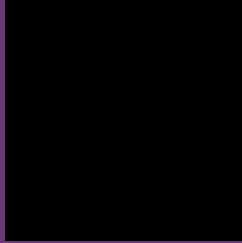
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B3A76 Background



This preview shows how black text looks on a background with the Hex color 6B3A76.




This preview shows how white text looks on a background with the Hex color 6B3A76.

# 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**  
65454A

# Trichromacy



**Original Color**  
6B3A76

**Protanomaly**  
484580

**Deuteranomaly**  
4E4673

**Tritanomaly**  
67415A

# Monochromacy



**Original Color**  
6B3A76

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
59475D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B3A76 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 #6B3A76 looks like.

```
.text, #text, p{  
    color:#6B3A76  
}
```

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 #6B3A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B3A76
}
```

## Border

The CSS property to change the border of an element to Hex 6B3A76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

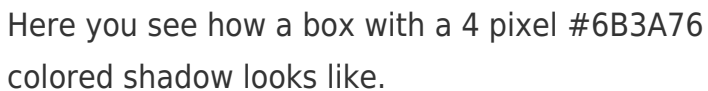
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B3A76 }
```

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

```
.border{ border-color:#6B3A76 }
```

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



Here you see how a box with a 4 pixel #6B3A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B3A76; -webkit-box-shadow:4px 4px  
4px 4px #6B3A76; box-shadow:4px 4px 4px  
4px #6B3A76 }
```

# Background

The CSS property to change the background color of an element to Hex 6B3A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B3A76 }
```

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

```
.background{ background-color:#6B3A76 }
```

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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