

# Converting Colors

Hex(6A3A70)

Have a look what the booklet for  
Hex(6A3A70) contains.

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**Color**

**Hex(6A3A70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A3A70
RGB	106, 58, 112
RGB Percent	42%, 23%, 44%
CMY	0.5843, 0.7725, 0.5608
CMYK	0.05, 0.48, 0.00, 0.56
HSL	293°, 32%, 33%
HSV	293°, 48%, 44%
XYZ	10.3815, 7.2601, 16.1834
YIQ	78.5080, 11.2740, 26.9700

# Conversions

## Conversions Part 2

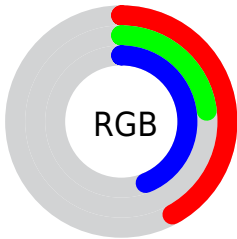
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 58, 112
Decimal	6961776
CIE <sub>Lab</sub>	32.39, 30.42, -22.51
CIE <sub>LCh</sub>	32, 37.842, 323.504
Yxy	7.2601, 0.3069, 0.2146
Android (android.graphics.Color)	4285151856 (0xFF6A3A70)
YUV	78.5080, 16.5116, 24.1105
Hunter-Lab	26.9446, 21.6214, -16.7493

# Details

The Hex color **6A3A70** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **40703A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9F6BA4**, and **390B40** is the 20% darker color. If you saturate the color by 10%, you get **692F70**, and if you desaturate by 10%, it is **6B4570**.

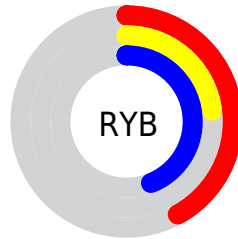
# Distribution



Red (42%)

Green (23%)

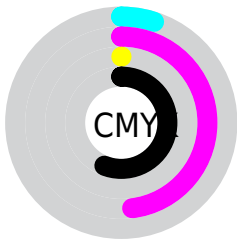
Blue (44%)



Red (42%)

Yellow (23%)

Blue (44%)

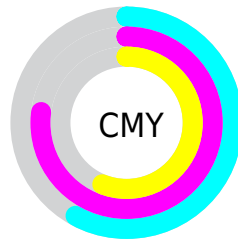


Cyan (5%)

Magenta (48%)

Yellow (0%)

Black (56%)



Cyan (58%)

Magenta (77%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A3A70 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 6A3A70 by changing the saturation by 10% instead.



6A3A70

6A3A70

FFFFFF

512357

9F6BA4

390B40

BA85BF

24002A

D69FDB

000114

F3BAF8

000000

FFD6FF

FFF3FF

6A3A70

6A3A70

692F70

6B4570

682470

6C5070

661870

6E5C70

650D70

6F6770

640270

707270

640070

717D70

738870

749470

759F70

# Harmonies

## Analogous

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



414783



6A3A70



7E3054

# Triad

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



6A3A70



61480A



005A63

# Complementary

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



6A3A70



40703A

# 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.



005A44



6A3A70



45520F

# Square

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



6A3A70



763D1C



1D5727



00587C

# Rectangle

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



6A3A70



823040



1D5727



005A59



# Sweetspot

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



6A3A70



8F7D91



3A4070



493D4A



C9C9C9



4A4A4A



# Same Dimension

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



6A3A70



883D91



703A5B



373238



6B0078



DC00F7



# Inverse Universe

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



703A40



913D46



3A704F



383233



78000D

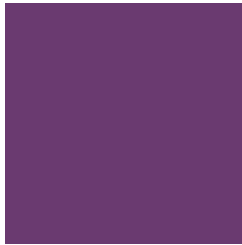


F7001B



# Previews

## White Background



This preview shows how the Hex color 6A3A70 looks on a white background.

## Color Contrast Check

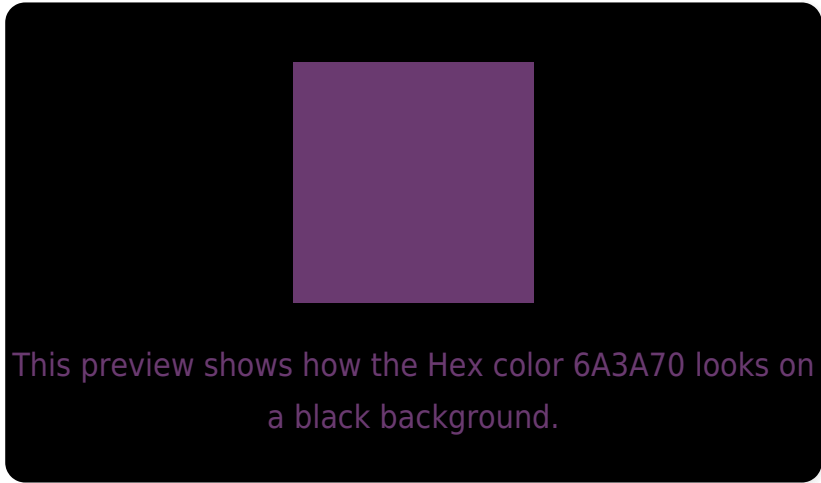
Large Text (above 18pt) WCAG AA ✓ Pass

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

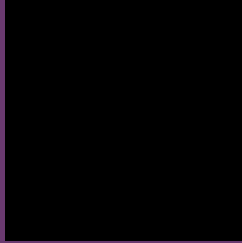
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A3A70 Background



This preview shows how black text looks on a background with the Hex color 6A3A70.




This preview shows how white text looks on a background with the Hex color 6A3A70.

# 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**  
654348

# Trichromacy



**Original Color**  
6A3A70

**Protanomaly**  
4A457A

**Deuteranomaly**  
50456E

**Tritanomaly**  
674057

# Monochromacy



**Original Color**  
6A3A70

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
59475B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A3A70 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 #6A3A70 looks like.

```
.text, #text, p{  
    color:#6A3A70  
}
```

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 #6A3A70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3A70
}
```

## Border

The CSS property to change the border of an element to Hex 6A3A70 is called "border". The border property can be set on classes, ids or directly on the HTML element.

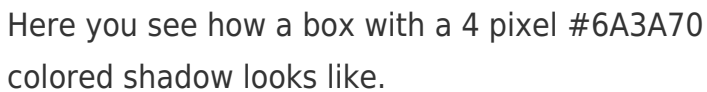
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3A70 }
```

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

```
.border{ border-color:#6A3A70 }
```

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



Here you see how a box with a 4 pixel #6A3A70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3A70; -webkit-box-shadow:4px 4px  
4px 4px #6A3A70; box-shadow:4px 4px 4px  
4px #6A3A70 }
```

# Background

The CSS property to change the background color of an element to Hex 6A3A70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3A70 }
```

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

```
.background{ background-color:#6A3A70 }
```

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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