

# Converting Colors

Hex(6A3E6C)

Have a look what the booklet for  
Hex(6A3E6C) contains.

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# Color

**Hex(6A3E6C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A3E6C
RGB	106, 62, 108
RGB Percent	42%, 24%, 42%
CMY	0.5843, 0.7569, 0.5765
CMYK	0.02, 0.43, 0.00, 0.58
HSL	297°, 27%, 33%
HSV	297°, 43%, 42%
XYZ	10.3733, 7.5921, 15.1061
YIQ	80.4000, 11.4580, 23.6340

# Conversions

## Conversions Part 2

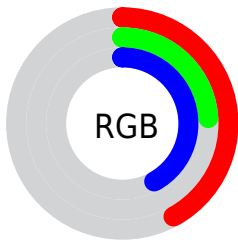
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 62, 108
Decimal	6962796
CIE <sub>Lab</sub>	33.12, 27.23, -18.85
CIE <sub>LCh</sub>	33, 33.114, 325.304
Yxy	7.5921, 0.3137, 0.2296
Android (android.graphics.Color)	4285152876 (0xFF6A3E6C)
YUV	80.4000, 13.6068, 22.4512
Hunter-Lab	27.5538, 18.9812, -13.2174

# Details

The Hex color **6A3E6C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **406C3E**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9E6FA0**, and **39103C** is the 20% darker color. If you saturate the color by 10%, you get **6A336C**, and if you desaturate by 10%, it is **6A496C**.

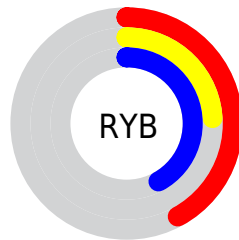
# Distribution



Red (42%)

Green (24%)

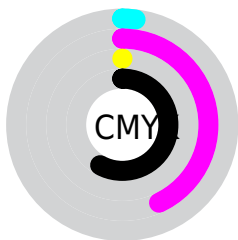
Blue (42%)



Red (42%)

Yellow (24%)

Blue (42%)

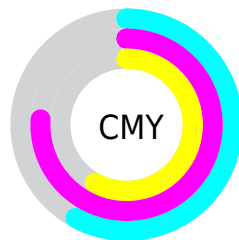


Cyan (2%)

Magenta (43%)

Yellow (0%)

Black (58%)



Cyan (58%)

Magenta (76%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A3E6C 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 6A3E6C by changing the saturation by 10% instead.





6A3E6C



6A3E6C

FFFFFF



512754



9E6FA0



39103C



BA89BB



240027



D6A3D6



000110



F2BEF3



000000



FFDAFF



FFF7FF



6A3E6C



6A3E6C



6A336C



6A496C

69286C

6B546C

691E6C

6B5E6C

68136C

6C696C

68086C

6C746C

67006C

6D7F6C

6D8A6C

6E946C

6E9F6C

# Harmonies

## Analogous

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



48497D



6A3E6C



7B3753

# Triad

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



6A3E6C



604B17



005B63

# Complementary

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



6A3E6C



406C3E

# 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.



005B49



6A3E6C



47531C

# Square

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



6A3E6C



734123



25582F



005878

# Rectangle

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



6A3E6C



7E3741



25582F



005B5B



# Sweetspot

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



6A3E6C



8B7A8C



3E406C



473C47



C7C7C7



474747



# Same Dimension

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



6A3E6C



89458C



6C3E57



353036



700075



EA00F5



# Inverse Universe

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



6C3E40



8C4548



3E6C53



363030



750005

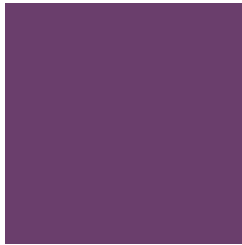


F5000B



# Previews

## White Background



This preview shows how the Hex color 6A3E6C looks on a white background.

## Color Contrast Check

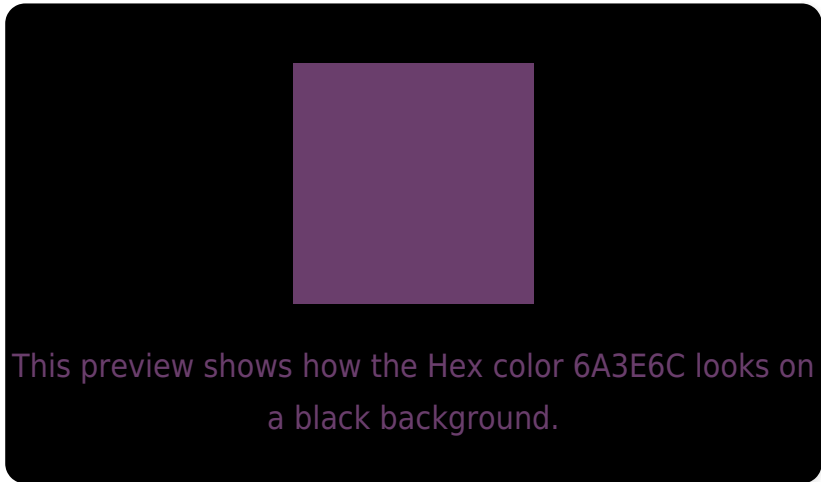
Large Text (above 18pt) WCAG AA ✓ Pass

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

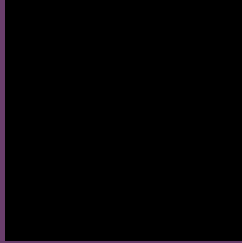
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A3E6C Background



This preview shows how black text looks on a background with the Hex color 6A3E6C.



This preview shows how white text looks on a background with the Hex color 6A3E6C.

# 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**  
66454B

# Trichromacy



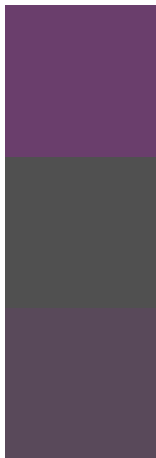
**Original Color**  
6A3E6C

**Protanomaly**  
4F4874

**Deuteranomaly**  
54486A

**Tritanomaly**  
674257

# Monochromacy



**Original Color**  
6A3E6C

**Achromatopsia**  
505050

**Achromatomaly**  
59495A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A3E6C 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 #6A3E6C looks like.

```
.text, #text, p{  
    color:#6A3E6C  
}
```

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 #6A3E6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3E6C
}
```

## Border

The CSS property to change the border of an element to Hex 6A3E6C is called "border". The border property can be set on classes, ids or directly on the HTML element.

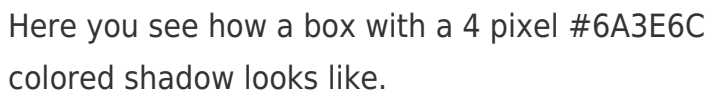
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3E6C }
```

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

```
.border{ border-color:#6A3E6C }
```

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



Here you see how a box with a 4 pixel #6A3E6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3E6C; -webkit-box-shadow:4px 4px  
4px 4px #6A3E6C; box-shadow:4px 4px 4px  
4px #6A3E6C }
```

# Background

The CSS property to change the background color of an element to Hex 6A3E6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3E6C }
```

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

```
.background{ background-color:#6A3E6C }
```

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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