

# Converting Colors

Hex(6B496C)

Have a look what the booklet for  
Hex(6B496C) contains.

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# Color

**Hex(6B496C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B496C
RGB	107, 73, 108
RGB Percent	42%, 29%, 42%
CMY	0.5804, 0.7137, 0.5765
CMYK	0.01, 0.32, 0.00, 0.58
HSL	298°, 19%, 35%
HSV	298°, 32%, 42%
XYZ	11.1527, 8.9736, 15.3316
YIQ	87.1560, 9.0290, 18.0930

# Conversions

## Conversions Part 2

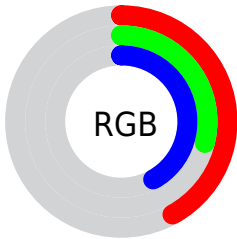
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 73, 108
Decimal	7031148
CIELab	35.93, 20.93, -14.51
CIElCh	36, 25.470, 325.275
Yxy	8.9736, 0.3145, 0.2531
Android (android.graphics.Color)	4285221228 (0xFF6B496C)
YUV	87.1560, 10.2761, 17.4032
Hunter-Lab	29.9560, 14.0333, -9.3758

# Details

The Hex color **6B496C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A6C49**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9F7AA0**, and **3B1C3C** is the 20% darker color. If you saturate the color by 10%, you get **6B3E6C**, and if you desaturate by 10%, it is **6B546C**.

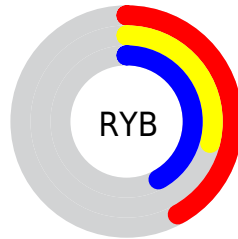
# Distribution



Red (42%)

Green (29%)

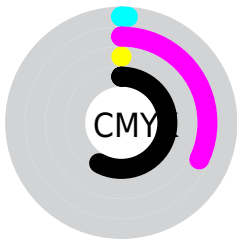
Blue (42%)



Red (42%)

Yellow (29%)

Blue (42%)

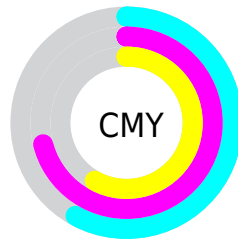


Cyan (1%)

Magenta (32%)

Yellow (0%)

Black (58%)



Cyan (58%)

Magenta (71%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B496C 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 6B496C by changing the saturation by 10% instead.



 6B496C

 6B496C

FFFFFF

 523254

 9F7AA0

 3B1C3C

 BA94BB

 250627

 D6AFD6

 000011

 F3CAF3

 000000

 FFE7FF

 6B496C

 6B496C

 6B3E6C

 6B546C

 6A336C

 6C5F6C

6A296C

6C696C

6A1E6C

6C746C

69136C

6D7F6C

69086C

6D8A6C

69006C

6D956C

6D9F6C

6EAA6C

# Harmonies

## Analogous

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



525079



6B496C



794459

# Triad

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



6B496C



64522B



005F65

# Complementary

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



6B496C



4A6C49

# 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.



185F50



6B496C



50592F

# Square

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



6B496C



744B34



385D3D



005D76

# Rectangle

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



6B496C



7C444B



385D3D



005F5F



# Sweetspot

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



6B496C



8C7E8C



494A6C



473F47



C7C7C7



474747



# Same Dimension

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



6B496C



8B568C



6C495C



353036



720075



EE00F5



# Inverse Universe

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



6C494A



8C5657



496C59



363030



750003

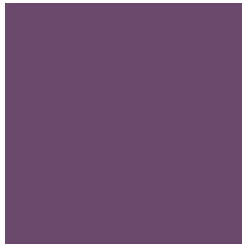


F50007



# Previews

## White Background



This preview shows how the Hex color 6B496C looks on a white background.

## Color Contrast Check

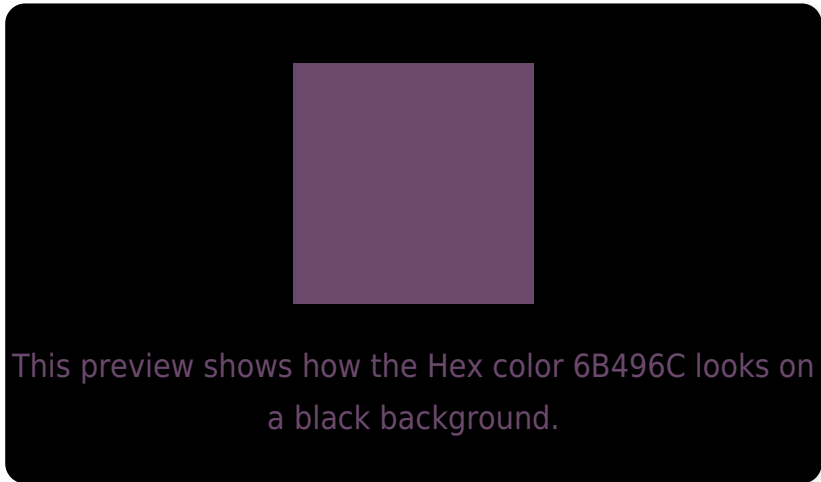
Large Text (above 18pt) WCAG AA ✓ Pass

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

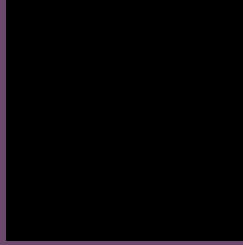
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B496C Background



This preview shows how black text looks on a background with the Hex color 6B496C.



This preview shows how white text looks on a background with the Hex color 6B496C.

# 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



**Original Color**  
6B496C

**Protanopia**  
4B5474

**Deuteranopia**  
52536A



**Tritanopia**  
684E54

# Trichromacy



**Original Color**  
6B496C

**Protanomaly**  
575071

**Deuteranomaly**  
5B4F6B

**Tritanomaly**  
694C5D

# Monochromacy



**Original Color**  
6B496C

**Achromatopsia**  
575757

**Achromatomaly**  
5E525F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B496C 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 #6B496C looks like.

```
.text, #text, p{  
    color:#6B496C  
}
```

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 #6B496C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B496C
}
```

## Border

The CSS property to change the border of an element to Hex 6B496C is called "border". The border property can be set on classes, ids or directly on the HTML element.

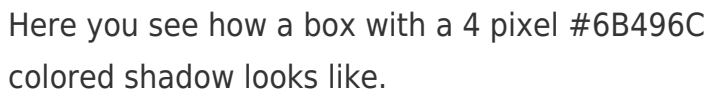
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B496C }
```

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

```
.border{ border-color:#6B496C }
```

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



Here you see how a box with a 4 pixel #6B496C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B496C; -webkit-box-shadow:4px 4px  
4px 4px #6B496C; box-shadow:4px 4px 4px  
4px #6B496C }
```

# Background

The CSS property to change the background color of an element to Hex 6B496C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B496C }
```

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

```
.background{ background-color:#6B496C }
```

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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