

# Converting Colors

Hex(6A496F)

Have a look what the booklet for  
Hex(6A496F) contains.

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# Color

**Hex(6A496F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A496F
RGB	106, 73, 111
RGB Percent	42%, 29%, 44%
CMY	0.5843, 0.7137, 0.5647
CMYK	0.05, 0.34, 0.00, 0.56
HSL	292°, 21%, 36%
HSV	292°, 34%, 44%
XYZ	11.1956, 8.9770, 16.1816
YIQ	87.1990, 7.4700, 18.8140

# Conversions

## Conversions Part 2

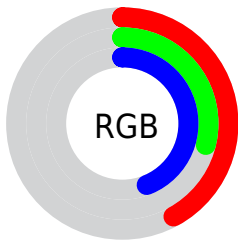
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 73, 111
Decimal	6965615
CIE <sub>Lab</sub>	35.94, 21.22, -16.39
CIE <sub>LCh</sub>	36, 26.810, 322.324
Yxy	8.9770, 0.3080, 0.2469
Android (android.graphics.Color)	4285155695 (0xFF6A496F)
YUV	87.1990, 11.7339, 16.4885
Hunter-Lab	29.9616, 14.2668, -11.0481

# Details

The Hex color **6A496F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4E6F49**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9E7AA3**, and **3A1C3F** is the 20% darker color. If you saturate the color by 10%, you get **693E6F**, and if you desaturate by 10%, it is **6B546F**.

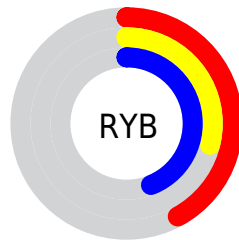
# Distribution



Red (42%)

Green (29%)

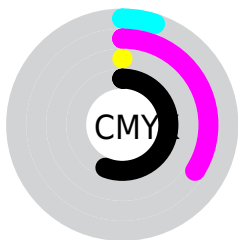
Blue (44%)



Red (42%)

Yellow (29%)

Blue (44%)

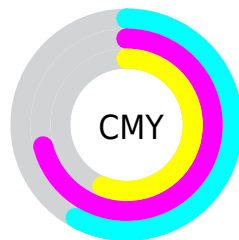


Cyan (5%)

Magenta (34%)

Yellow (0%)

Black (56%)



Cyan (58%)

Magenta (71%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A496F 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 6A496F by changing the saturation by 10% instead.



6A496F

6A496F

FFFFFF

513257

9E7AA3

3A1C3F

B994BE

240629

D5AFDA

000014

F1CAF6

000000

FFE7FF

6A496F

6A496F

693E6F

6B546F

67336F

6D5F6F

66286F

6E6A6F

641D6F

70756F

63116F

71816F

61066F

738C6F

60006F

74976F

76A26F

77AD6F

# Harmonies

## Analogous

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



4E517C



6A496F



7A445B

# Triad

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



6A496F



675129



006064

# Complementary

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



6A496F



4E6F49

# 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.



165F4E



6A496F



52582C

# Square

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



6A496F



764A33



395D39



005D76

# Rectangle

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



6A496F



7E434C



395D39



00605D



# Sweetspot

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



6A496F



8F8391



494E6F



49414A



C9C9C9



4A4A4A



# Same Dimension

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



6A496F



8A5691



6F4961



373238



680078



D700F7



# Inverse Universe

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



6F494E



91565E



496F57



383233



780010

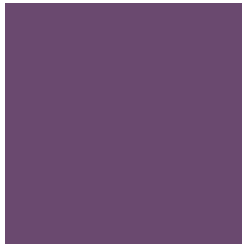


F70021



# Previews

## White Background



This preview shows how the Hex color 6A496F looks on a white background.

## Color Contrast Check

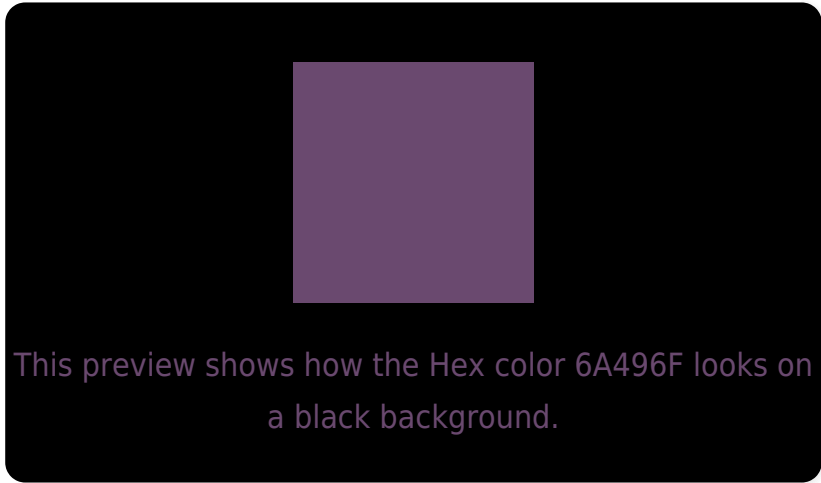
Large Text (above 18pt) WCAG AA ✓ Pass

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

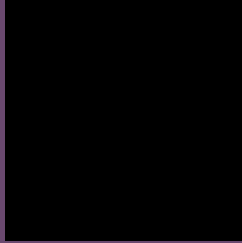
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A496F Background



This preview shows how black text looks on a background with the Hex color 6A496F.



This preview shows how white text looks on a background with the Hex color 6A496F.

# 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**  
6A496F

**Protanopia**  
4A5477

**Deuteranopia**  
50536D



**Tritanopia**  
664E54

# Trichromacy



**Original Color**  
6A496F

**Protanomaly**  
565074

**Deuteranomaly**  
594F6E

**Tritanomaly**  
674C5E

# Monochromacy



**Original Color**  
6A496F

**Achromatopsia**  
575757

**Achromatomaly**  
5E5260

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A496F 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 #6A496F looks like.

```
.text, #text, p{  
    color:#6A496F  
}
```

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 #6A496F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A496F
}
```

## Border

The CSS property to change the border of an element to Hex 6A496F is called "border". The border property can be set on classes, ids or directly on the HTML element.

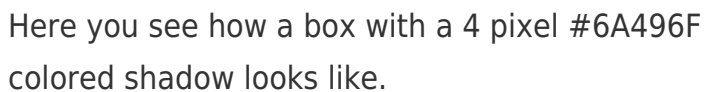
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A496F }
```

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

```
.border{ border-color:#6A496F }
```

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



Here you see how a box with a 4 pixel #6A496F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A496F; -webkit-box-shadow:4px 4px  
4px 4px #6A496F; box-shadow:4px 4px 4px  
4px #6A496F }
```

# Background

The CSS property to change the background color of an element to Hex 6A496F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A496F }
```

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

```
.background{ background-color:#6A496F }
```

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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