

# Converting Colors

Hex(6D416E)

Have a look what the booklet for  
Hex(6D416E) contains.

<b>Hex(6D416E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6D416E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D416E
RGB	109, 65, 110
RGB Percent	43%, 25%, 43%
CMY	0.5725, 0.7451, 0.5686
CMYK	0.01, 0.41, 0.00, 0.57
HSL	299°, 26%, 34%
HSV	299°, 41%, 43%
XYZ	11.0114, 8.1576, 15.7461
YIQ	83.2860, 11.7790, 23.3230

# Conversions

## Conversions Part 2

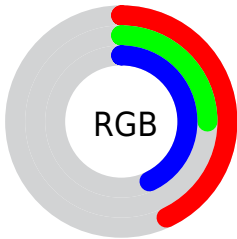
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 65, 110
Decimal	7160174
CIE <sub>Lab</sub>	34.31, 26.90, -18.24
CIE <sub>LCh</sub>	34, 32.498, 325.859
Yxy	8.1576, 0.3154, 0.2336
Android (android.graphics.Color)	4285350254 (0xFF6D416E)
YUV	83.2860, 13.1700, 22.5512
Hunter-Lab	28.5615, 18.8353, -12.6937

# Details

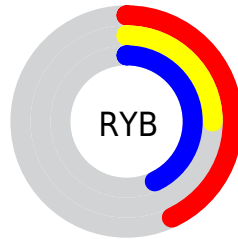
The Hex color **6D416E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **426E41**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A172A2**, and **3C133E** is the 20% darker color. If you saturate the color by 10%, you get **6D366E**, and if you desaturate by 10%, it is **6D4C6E**.

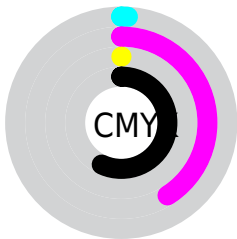
# Distribution



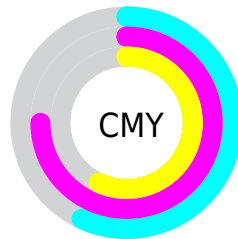
- Red (43%)
- Green (25%)
- Blue (43%)



- Red (43%)
- Yellow (25%)
- Blue (43%)



- Cyan (1%)
- Magenta (41%)
- Yellow (0%)
- Black (57%)



- Cyan (57%)
- Magenta (75%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D416E 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 6D416E by changing the saturation by 10% instead.



6D416E

6D416E

FFFFFF

542A56

A172A2

3C133E

BD8CBD

260028

D9A6D9

000012

F6C2F5

000000

FFDEFF

FFFBFF

6D416E

6D416E

6D366E

6D4C6E

6D2B6E

6D576E

6C206E

6E626E

6C156E

6E6D6E

6C0A6E

6E786E

6C006E

6E836E

6F8E6E

6F996E

6FA46E

# Harmonies

## Analogous

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



4C4B7F



6D416E



7E3A55

# Triad

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



6D416E



624E1B



005D66

# Complementary

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



6D416E



426E41

# 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.



005D4C



6D416E



495620

# Square

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



6D416E



764426



285B33



005B7B

# Rectangle

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



6D416E



813B44



285B33



005E5E



# Sweetspot

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



6D416E



8E7E8F



41426E



473D47



C7C7C7



474747



# Same Dimension

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



6D416E



8D498F



6E4159



383238



750078



F200F7



# Inverse Universe

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



6E4142



8F494A



416E56



383233



780003

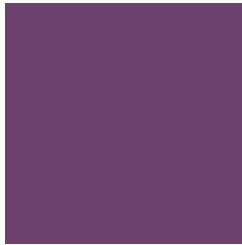


F70005



# Previews

## White Background



This preview shows how the Hex color 6D416E looks on a white background.

## Color Contrast Check

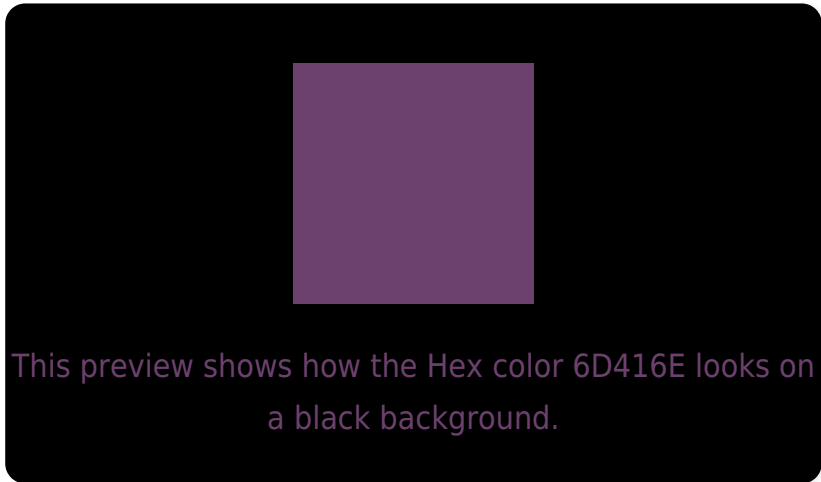
Large Text (above 18pt) WCAG AA ✓ Pass

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

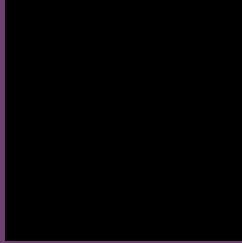
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D416E Background



This preview shows how black text looks on a background with the Hex color 6D416E.



This preview shows how white text looks on a background with the Hex color 6D416E.

# 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**  
6D416E

**Protanopia**  
43507A

**Deuteranopia**  
4B506B



**Tritanopia**  
69484E

# Trichromacy



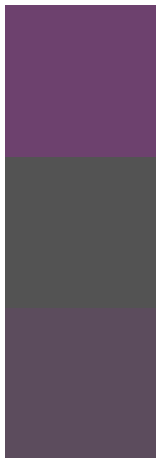
**Original Color**  
6D416E

**Protanomaly**  
524B76

**Deuteranomaly**  
574B6C

**Tritanomaly**  
6A455A

# Monochromacy



**Original Color**  
6D416E

**Achromatopsia**  
535353

**Achromatomaly**  
5C4C5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D416E 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 #6D416E looks like.

```
.text, #text, p{  
    color:#6D416E  
}
```

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 #6D416E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D416E
}
```

## Border

The CSS property to change the border of an element to Hex 6D416E is called "border". The border property can be set on classes, ids or directly on the HTML element.

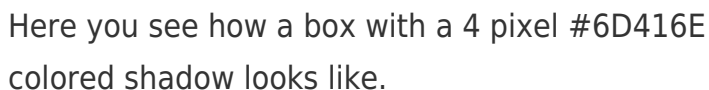
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D416E }
```

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

```
.border{ border-color:#6D416E }
```

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



Here you see how a box with a 4 pixel #6D416E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D416E; -webkit-box-shadow:4px 4px  
4px 4px #6D416E; box-shadow:4px 4px 4px  
4px #6D416E }
```

# Background

The CSS property to change the background color of an element to Hex 6D416E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D416E }
```

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

```
.background{ background-color:#6D416E }
```

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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