

# Converting Colors

Hex(7F146E)

Have a look what the booklet for  
Hex(7F146E) contains.

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# Color

**Hex(7F146E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F146E
RGB	127, 20, 110
RGB Percent	50%, 8%, 43%
CMY	0.5020, 0.9216, 0.5686
CMYK	0.00, 0.84, 0.13, 0.50
HSL	310°, 73%, 29%
HSV	310°, 84%, 50%
XYZ	11.8170, 6.1381, 15.3138
YIQ	62.2530, 34.8820, 50.6740

# Conversions

## Conversions Part 2

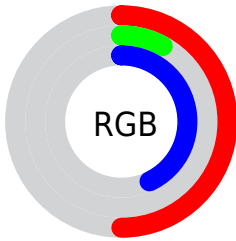
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 20, 110
Decimal	8328302
CIE <sub>Lab</sub>	29.76, 52.32, -25.12
CIE <sub>LCh</sub>	30, 58.033, 334.356
Yxy	6.1381, 0.3552, 0.1845
Android (android.graphics.Color)	4286518382 (0xFF7F146E)
YUV	62.2530, 23.5393, 56.7831
Hunter-Lab	24.7752, 41.7823, -19.3050

# Details

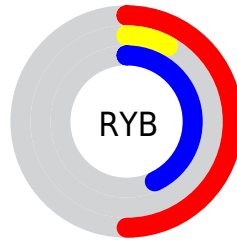
The Hex color **7F146E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **147F25**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **B74FA2**, and **4A003E** is the 20% darker color. If you saturate the color by 10%, you get **7F076C**, and if you desaturate by 10%, it is **7F2170**.

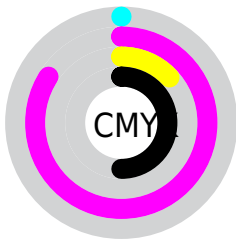
# Distribution



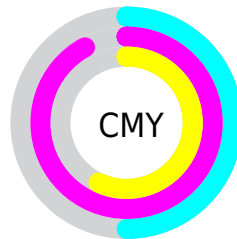
- Red (50%)
- Green (8%)
- Blue (43%)



- Red (50%)
- Yellow (8%)
- Blue (43%)



- Cyan (0%)
- Magenta (84%)
- Yellow (13%)
- Black (50%)



- Cyan (50%)
- Magenta (92%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F146E 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 7F146E by changing the saturation by 10% instead.



 7F146E

 7F146E

FFFFFF

 640055

 B74FA2

 4A003E

 D46ABD

 330028

 F185D9

 0D0011

 FFA0F6

 000000

 FFBCFF

 FFD9FF

 FFF6FF

 7F146E

 7F146E

■ 7F076C

■ 7F2170

■ 7F006B

■ 7F2D72

■ 7F3A74

■ 7F4776

■ 7F5478

■ 7F607A

■ 7F6D7C

■ 7F7A7E

■ 7F8680

# Harmonies

## Analogous

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



493692



7F146E



920042

# Triad

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



7F146E



514700



005878

# Complementary

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



7F146E



147F25

# 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.



00584C



7F146E



205100

# Square

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



7F146E



753400



00561B



005598

# Rectangle

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



7F146E



900324



00561B



00596A



# Sweetspot

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



7F146E



A67C9F



24147F



543B50



D4D4D4



545454



# Same Dimension

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



7F146E



A6008B



7F1439



40393F



80006B



000000



# Inverse Universe

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



7F146E



A6008B



147F5A



40393F



80006B



000000



# Previews

## White Background



This preview shows how the Hex color 7F146E looks on a white background.

## Color Contrast Check

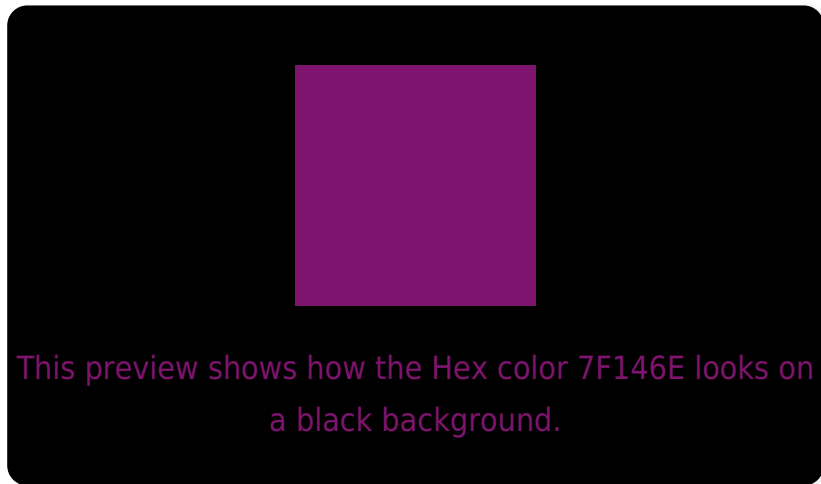
Large Text (above 18pt) WCAG AA ✓ Pass

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

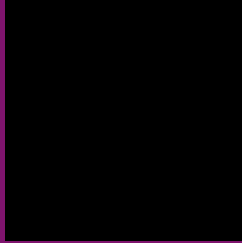
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F146E Background



This preview shows how black text looks on a background with the Hex color 7F146E.

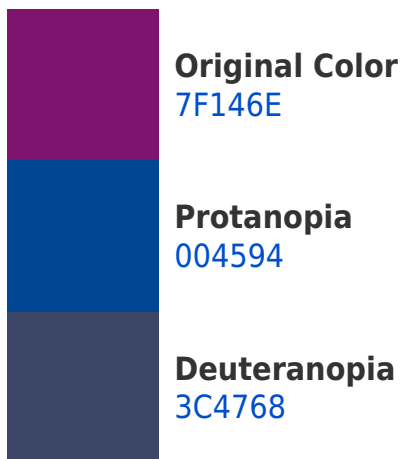


This preview shows how white text looks on a background with the Hex color 7F146E.

# 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**  
792E31

# Trichromacy



**Original Color**

7F146E



**Protanomaly**

2E3386



**Deuteranomaly**

54346A



**Tritanomaly**

7B2547

# Monochromacy



**Original Color**

7F146E



**Achromatopsia**

3E3E3E



**Achromatomaly**

562F4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F146E 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 #7F146E looks like.

```
.text, #text, p{  
    color:#7F146E  
}
```

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 #7F146E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F146E
}
```

## Border

The CSS property to change the border of an element to Hex 7F146E is called "border". The border property can be set on classes, ids or directly on the HTML element.

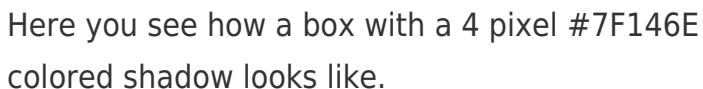
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F146E }
```

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

```
.border{ border-color:#7F146E }
```

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



Here you see how a box with a 4 pixel #7F146E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F146E; -webkit-box-shadow:4px 4px  
4px 4px #7F146E; box-shadow:4px 4px 4px  
4px #7F146E }
```

# Background

The CSS property to change the background color of an element to Hex 7F146E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F146E }
```

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

```
.background{ background-color:#7F146E }
```

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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