

# Converting Colors

Hex(740E75)

Have a look what the booklet for  
Hex(740E75) contains.

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**Color**

**Hex(740E75)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	740E75
RGB	116, 14, 117
RGB Percent	45%, 5%, 46%
CMY	0.5451, 0.9451, 0.5412
CMYK	0.01, 0.88, 0.00, 0.54
HSL	299°, 79%, 26%
HSV	299°, 88%, 46%
XYZ	10.5704, 5.3114, 17.2977
YIQ	56.2400, 27.7290, 53.6570

# Conversions

## Conversions Part 2

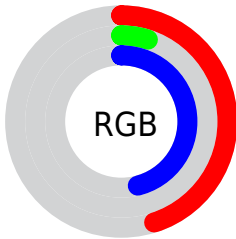
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 14, 117
Decimal	7605877
CIE <sub>Lab</sub>	27.60, 52.50, -33.14
CIE <sub>LCh</sub>	28, 62.083, 327.738
Yxy	5.3114, 0.3186, 0.1601
Android (android.graphics.Color)	4285795957 (0xFF740E75)
YUV	56.2400, 29.9547, 52.4095
Hunter-Lab	23.0465, 41.5382, -28.3678

# Details

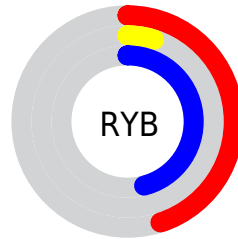
The Hex color **740E75** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0F750E**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **AB4AAA**, and **3F0044** is the 20% darker color. If you saturate the color by 10%, you get **740275**, and if you desaturate by 10%, it is **741A75**.

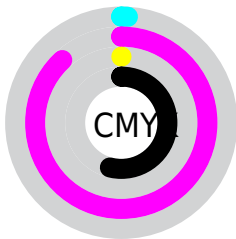
# Distribution



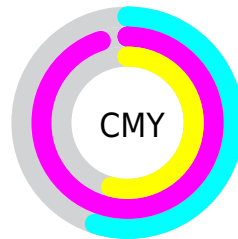
- Red (45%)
- Green (5%)
- Blue (46%)



- Red (45%)
- Yellow (5%)
- Blue (46%)



- Cyan (1%)
- Magenta (88%)
- Yellow (0%)
- Black (54%)



- Cyan (55%)
- Magenta (95%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 740E75 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 740E75 by changing the saturation by 10% instead.



 740E75

 740E75

FFFFFF

 59005C


 AB4AAA

 3F0044

 C865C5

 28002D

 E580E1

 000117

 FF9BFE

 000000

 FFB7FF

 FFD4FF

 FFF1FF

 740E75

 740E75

■ 740275

■ 741A75

■ 740075

■ 742575

■ 743175

■ 743D75

■ 754875

■ 755475

■ 756075

■ 756C75

■ 757775

# Harmonies

## Analogous

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



273697



740E75



8E0047

# Triad

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



740E75



543E00



00546D

# Complementary

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



740E75



0F750E

# 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.



00533C



740E75



244B00

# Square

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



740E75



772700



005103



005293

# Rectangle

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



740E75



900028



005103



00545D



# Sweetspot

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



740E75



997199



0E1075



4C354D



CCCCCC



4D4D4D



# Same Dimension

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



740E75



980099



750E43



3B353B



79007A



F700FA



# Inverse Universe

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



750E0F



990001



0E7540



3B3535



7A0001



FA0002



# Previews

## White Background



This preview shows how the Hex color 740E75 looks on a white background.

## Color Contrast Check

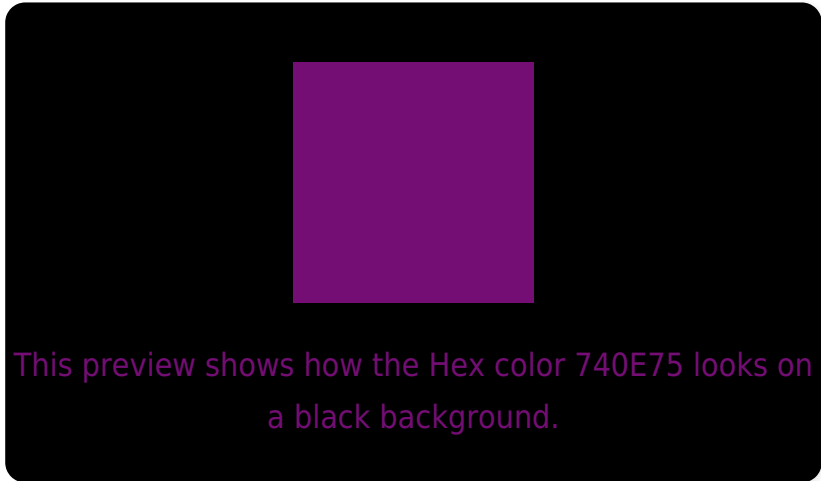
Large Text (above 18pt) WCAG AA ✓ Pass

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

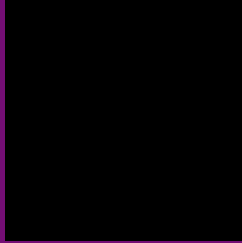
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 740E75 Background



This preview shows how black text looks on a background with the Hex color 740E75.



This preview shows how white text looks on a background with the Hex color 740E75.

# 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**  
6D2F32

# Trichromacy



**Original Color**  
740E75

**Protanomaly**  
2A2E82

**Deuteranomaly**  
443071

**Tritanomaly**  
70234A

# Monochromacy



**Original Color**  
740E75

**Achromatopsia**  
383838

**Achromatomaly**  
4E294E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 740E75 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 #740E75 looks like.

```
.text, #text, p{  
    color:#740E75  
}
```

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 #740E75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #740E75
}
```

## Border

The CSS property to change the border of an element to Hex 740E75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

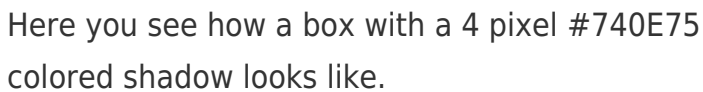
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#740E75 }
```

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

```
.border{ border-color:#740E75 }
```

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



Here you see how a box with a 4 pixel #740E75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #740E75; -webkit-box-shadow:4px 4px  
4px 4px #740E75; box-shadow:4px 4px 4px  
4px #740E75 }
```

# Background

The CSS property to change the background color of an element to Hex 740E75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#740E75 }
```

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

```
.background{ background-color:#740E75 }
```

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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