

# Converting Colors

Hex(733E72)

Have a look what the booklet for  
Hex(733E72) contains.

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# Color

**Hex(733E72)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	733E72
RGB	115, 62, 114
RGB Percent	45%, 24%, 45%
CMY	0.5490, 0.7569, 0.5529
CMYK	0.00, 0.46, 0.01, 0.55
HSL	301°, 30%, 35%
HSV	301°, 46%, 45%
XYZ	11.8301, 8.3050, 16.8991
YIQ	83.7750, 14.8960, 27.4080

# Conversions

## Conversions Part 2

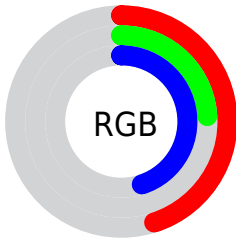
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 62, 114</a>
Decimal	<a href="#">7552626</a>
CIELab	<a href="#">34.61, 31.50, -20.22</a>
CIELCh	<a href="#">35, 37.429, 327.298</a>
Yxy	<a href="#">8.3050, 0.3194, 0.2243</a>
Android (android.graphics.Color)	<a href="#">4285742706 (0xFF733E72)</a>
YUV	<a href="#">83.7750, 14.9009, 27.3843</a>
Hunter-Lab	<a href="#">28.8184, 22.8431, -14.5948</a>

# Details

The Hex color **733E72** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3E733F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **A86FA6**, and **410E42** is the 20% darker color. If you saturate the color by 10%, you get **733372**, and if you desaturate by 10%, it is **734A72**.

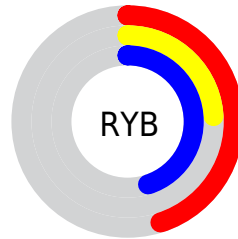
# Distribution



Red (45%)

Green (24%)

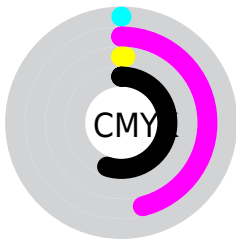
Blue (45%)



Red (45%)

Yellow (24%)

Blue (45%)

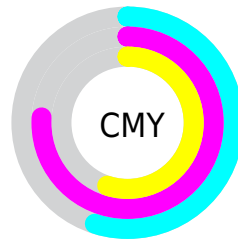


Cyan (0%)

Magenta (46%)

Yellow (1%)

Black (55%)



Cyan (55%)

Magenta (76%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 733E72 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 733E72 by changing the saturation by 10% instead.



 733E72

 733E72

FFFFFF

 5A2659

 A86FA6

 410E42

 C489C1

 2A002B

 E0A4DD

 090016

 FDBFFA

 000000

 FFDBFF

 FFF8FF

 733E72

 733E72

 733372

 734A72

732772

735572

731C71

736173

731071

736C73

730571

737873

730071

738373

738F74

739A74

73A574

# Harmonies

## Analogous

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



4D4B87



733E72



853655

# Triad

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



733E72



634F11



005F6C

# Complementary

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



733E72



3E733F

# 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.



00604E



733E72



465818

# Square

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



733E72



7A441F



1D5D30



005C83

# Rectangle

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



733E72



883741



1D5D30



006062



# Sweetspot

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



733E72



968196



3F3E73



4D3F4C



CCCCCC



4D4D4D



# Same Dimension

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



733E72



964495



733E58



3B353B



7A0078



FA00F5



# Inverse Universe

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



733E72



964495



3E7359



3B353B



7A0078



FA00F5



# Previews

## White Background



This preview shows how the Hex color 733E72 looks on a white background.

## Color Contrast Check

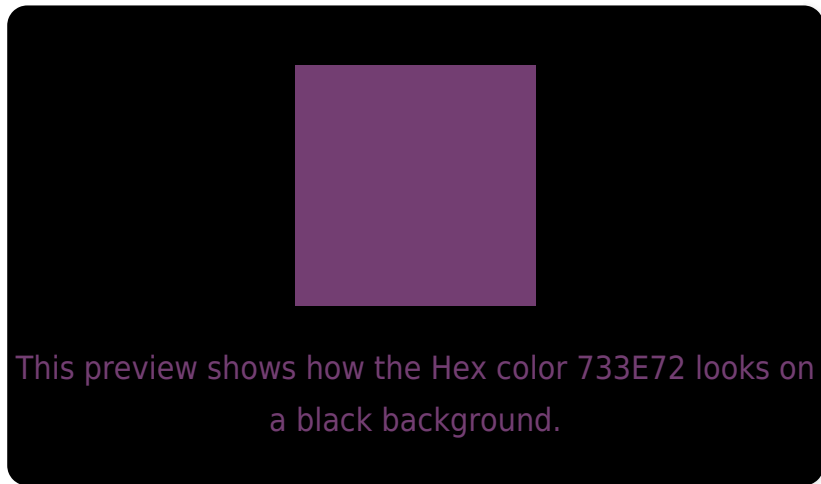
Large Text (above 18pt) WCAG AA ✓ Pass

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

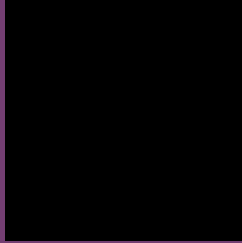
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 733E72 Background



This preview shows how black text looks on a background with the Hex color 733E72.




This preview shows how white text looks on a background with the Hex color 733E72.

# 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**  
6E474C

# Trichromacy



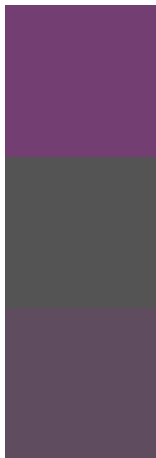
**Original Color**  
733E72

**Protanomaly**  
53497C

**Deuteranomaly**  
594A70

**Tritanomaly**  
70445A

# Monochromacy



**Original Color**  
733E72

**Achromatopsia**  
545454

**Achromatomaly**  
5F4C5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 733E72 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 #733E72 looks like.

```
.text, #text, p{  
    color:#733E72  
}
```

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 #733E72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #733E72
}
```

## Border

The CSS property to change the border of an element to Hex 733E72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

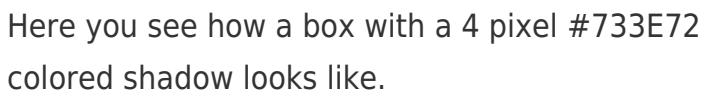
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#733E72 }
```

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

```
.border{ border-color:#733E72 }
```

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



Here you see how a box with a 4 pixel #733E72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #733E72; -webkit-box-shadow:4px 4px  
4px 4px #733E72; box-shadow:4px 4px 4px  
4px #733E72 }
```

# Background

The CSS property to change the background color of an element to Hex 733E72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#733E72 }
```

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

```
.background{ background-color:#733E72 }
```

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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