

Converting Colors

Hex(733E78)

Have a look what the booklet for
Hex(733E78) contains.

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Color

Hex(733E78)

Conversions

Conversions Part 1

Format	Color
Hex	733E78
RGB	115, 62, 120
RGB Percent	45%, 24%, 47%
CMY	0.5490, 0.7569, 0.5294
CMYK	0.04, 0.48, 0.00, 0.53
HSL	295°, 32%, 36%
HSV	295°, 48%, 47%
XYZ	12.1830, 8.4462, 18.7575
YIQ	84.4590, 12.9700, 29.2740

Conversions

Conversions Part 2

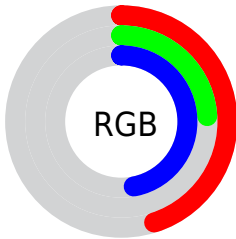
Format	Color
R_{YB}	115, 62, 120
Decimal	7552632
CIE _{Lab}	34.90, 32.73, -23.53
CIE _{LCh}	35, 40.309, 324.279
Yxy	8.4462, 0.3093, 0.2144
Android (android.graphics.Color)	4285742712 (0xFF733E78)
YUV	84.4590, 17.5217, 26.7845
Hunter-Lab	29.0623, 23.9690, -17.9235

Details

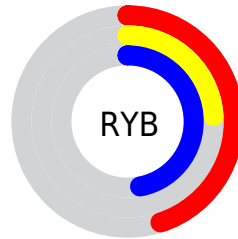
The Hex color **733E78** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **43783E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **A86FAD**, and **410E47** is the 20% darker color. If you saturate the color by 10%, you get **723278**, and if you desaturate by 10%, it is **744A78**.

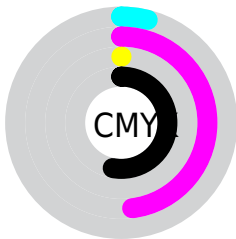
Distribution



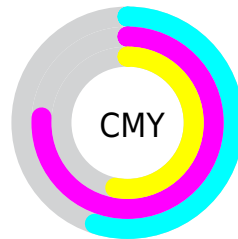
- Red (45%)
- Green (24%)
- Blue (47%)



- Red (45%)
- Yellow (24%)
- Blue (47%)



- Cyan (4%)
- Magenta (48%)
- Yellow (0%)
- Black (53%)



- Cyan (55%)
- Magenta (76%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 733E78 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 733E78 by changing the saturation by 10% instead.

 733E78

 733E78

FFFFFF

 5A265F

 A86FAD

 410E47

 C489C8

 2A0030

 E0A4E4

 0B001B

 FDC0FF

 000000

 FFD0FF

 FFF8FF

 733E78

 733E78

 723278

 744A78

712678

755678

701A78

766278

6F0E78

776E78

6E0278

787A78

6E0078

798678

7A9278

7B9E78

7CAA78

Harmonies

Analogous

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



474C8D



733E78



89345A

Triad

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



733E78



684E0A



00616C

Complementary

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



733E78



43783E

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.



00614B



733E78



495811

Square

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



733E78



7F421E



1D5E2A



005E86

Rectangle

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



733E78



8C3444



1D5E2A



006161

Sweetspot

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



733E78



9A849C



3E4478



4E414F



CFCFCF



4F4F4F

Same Dimension

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



733E78



94419C



783E61



3D373D



72007D



E700FC

Inverse Universe

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



783E43



9C4149



3E7855



3D3738



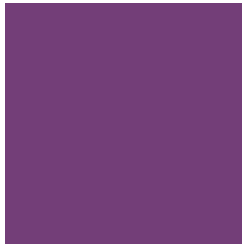
7D000B



FC0016

Previews

White Background



This preview shows how the Hex color 733E78 looks on a white background.

Color Contrast Check

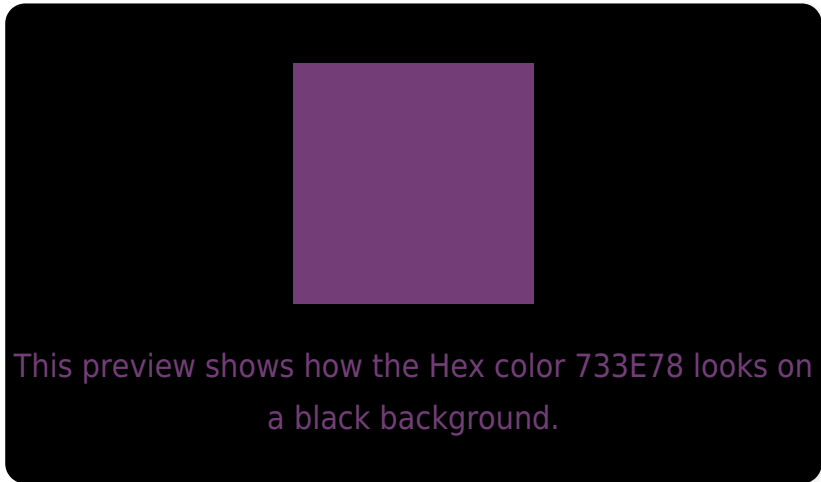
Large Text (above 18pt) WCAG AA ✓ Pass

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

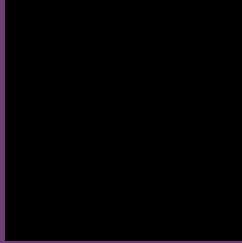
Any Text WCAG AA × Fail

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 733E78 Background



This preview shows how black text looks on a background with the Hex color 733E78.

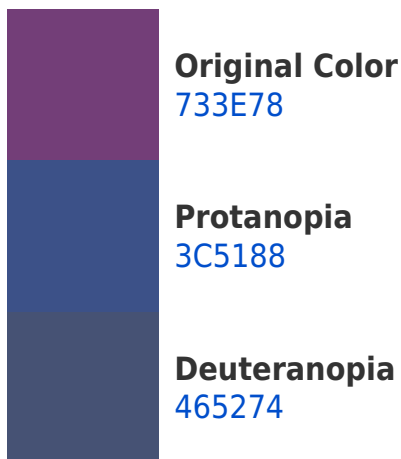


This preview shows how white text looks on a background with the Hex color 733E78.

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
6D484E

Trichromacy



Original Color
733E78

Protanomaly
504A82

Deuteranomaly
564B75

Tritanomaly
6F445D

Monochromacy



Original Color
733E78

Achromatopsia
545454

Achromatomaly
5F4C61

CSS Examples

Text

The CSS property to change the color of the text to Hex 733E78 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 #733E78 looks like.

```
.text, #text, p{  
    color:#733E78  
}
```

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 #733E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #733E78
}
```

Border

The CSS property to change the border of an element to Hex 733E78 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".

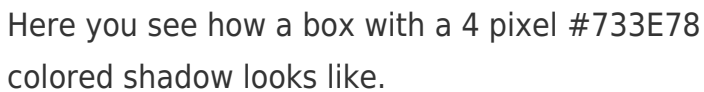
```
.border, #border, table{ border:4px solid
#733E78 }
```

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

```
.border{ border-color:#733E78 }
```

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

Here you see how a box with a 4 pixel #733E78 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #733E78; -webkit-box-shadow:4px 4px  
4px 4px #733E78; box-shadow:4px 4px 4px  
4px #733E78 }
```

Background

The CSS property to change the background color of an element to Hex 733E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#733E78 }
```

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

```
.background{ background-color:#733E78 }
```

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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