

# Converting Colors

Hex(733782)

Have a look what the booklet for  
Hex(733782) contains.

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# Color

**Hex(733782)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	733782
RGB	115, 55, 130
RGB Percent	45%, 22%, 51%
CMY	0.5490, 0.7843, 0.4902
CMYK	0.12, 0.58, 0.00, 0.49
HSL	288°, 41%, 36%
HSV	288°, 58%, 51%
XYZ	12.4657, 7.9889, 22.0041
YIQ	81.4900, 11.6850, 36.0450

# Conversions

## Conversions Part 2

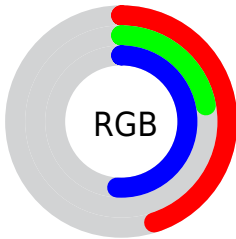
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 55, 130
Decimal	7550850
CIE <sub>Lab</sub>	33.96, 38.69, -31.23
CIE <sub>LCh</sub>	34, 49.723, 321.093
Yxy	7.9889, 0.2936, 0.1882
Android (android.graphics.Color)	4285740930 (0xFF733782)
YUV	81.4900, 23.9154, 29.3883
Hunter-Lab	28.2647, 29.2614, -26.3721

# Details

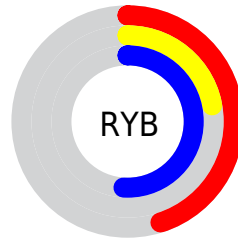
The Hex color **733782** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **468237**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **A969B7**, and **400250** is the 20% darker color. If you saturate the color by 10%, you get **702A82**, and if you desaturate by 10%, it is **764482**.

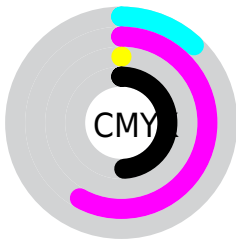
# Distribution



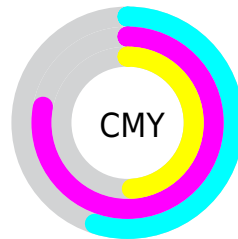
- Red (45%)
- Green (22%)
- Blue (51%)



- Red (45%)
- Yellow (22%)
- Blue (51%)



- Cyan (12%)
- Magenta (58%)
- Yellow (0%)
- Black (49%)



- Cyan (55%)
- Magenta (78%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 733782 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 733782 by changing the saturation by 10% instead.



733782

733782

FFFFFF

591E69

A969B7

400250

C583D3

290039

E19EF0

080023

FEB9FF

000009

FFD5FF

000000

FFF2FF

733782

733782

702A82

764482

6E1D82

785182

6B1082

7B5E82

690382

7D6B82

680082

807882

838582

859282

889F82

8AAC82

# Harmonies

## Analogous

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



324B9A



733782



90255D

# Triad

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



733782



6B4A00



00616B

# Complementary

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



733782



468237

# 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.



006142



733782



475600

# Square

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



733782



863811



065D19



005F8D

# Rectangle

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



733782



952343



065D19



00615E



# Sweetspot

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



733782



A38CA8



374682



514354



D4D4D4



545454



# Same Dimension

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



733782



9134A8



82376C



3E3940



660080



000000



# Inverse Universe

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



823746



A8344B



37824E



40393B



800019



000000



# Previews

## White Background



This preview shows how the Hex color 733782 looks on a white background.

## Color Contrast Check

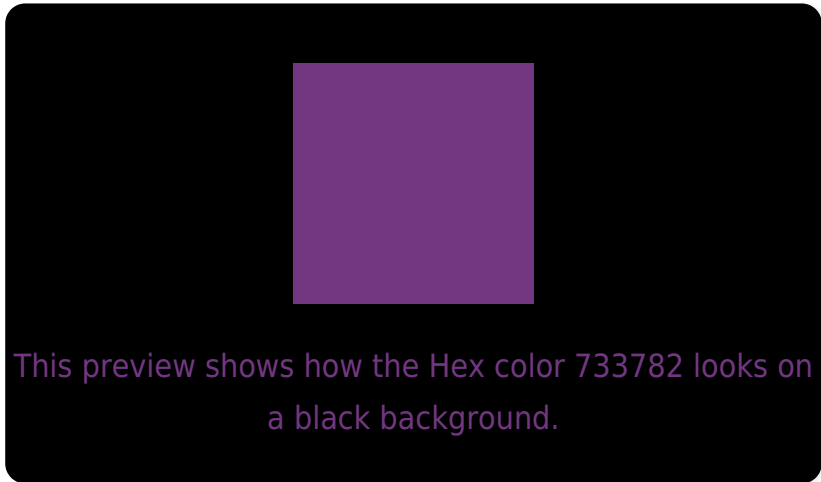
Large Text (above 18pt) WCAG AA ✓ Pass

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

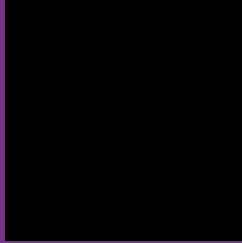
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 733782 Background



This preview shows how black text looks on a background with the Hex color 733782.

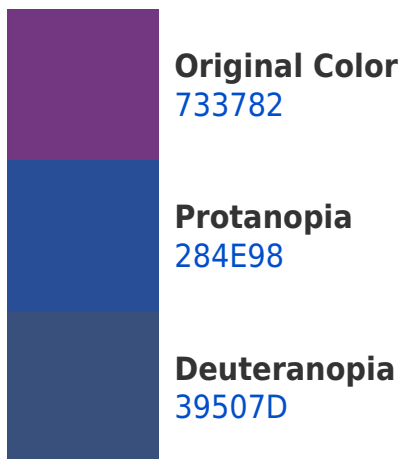


This preview shows how white text looks on a background with the Hex color 733782.

# 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**  
6B464B

# Trichromacy



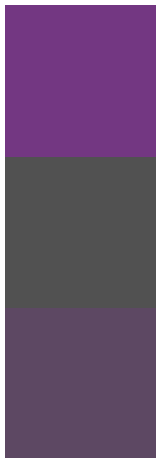
**Original Color**  
733782

**Protanomaly**  
434690

**Deuteranomaly**  
4E477F

**Tritanomaly**  
6E415F

# Monochromacy



**Original Color**  
733782

**Achromatopsia**  
515151

**Achromatomaly**  
5D4863

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 733782 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 #733782 looks like.

```
.text, #text, p{  
    color:#733782  
}
```

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 #733782 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #733782
}
```

## Border

The CSS property to change the border of an element to Hex 733782 is called "border". The border property can be set on classes, ids or directly on the HTML element.

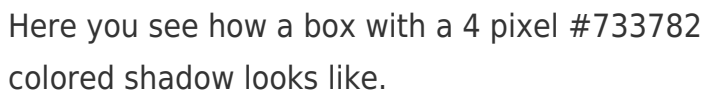
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#733782 }
```

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

```
.border{ border-color:#733782 }
```

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



Here you see how a box with a 4 pixel #733782 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #733782; -webkit-box-shadow:4px 4px  
4px 4px #733782; box-shadow:4px 4px 4px  
4px #733782 }
```

# Background

The CSS property to change the background color of an element to Hex 733782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#733782 }
```

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

```
.background{ background-color:#733782 }
```

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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