

Converting Colors

Hex(733796)

Have a look what the booklet for
Hex(733796) contains.

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Color

Hex(733796)

Conversions

Conversions Part 1

Format	Color
Hex	733796
RGB	115, 55, 150
RGB Percent	45%, 22%, 59%
CMY	0.5490, 0.7843, 0.4118
CMYK	0.23, 0.63, 0.00, 0.41
HSL	278°, 46%, 40%
HSV	278°, 63%, 59%
XYZ	13.9414, 8.5792, 29.7753
YIQ	83.7700, 5.2650, 42.2650

Conversions

Conversions Part 2

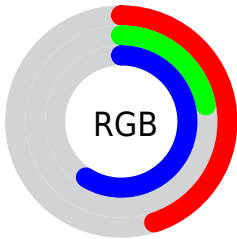
Format	Color
R _Y B	115, 55, 150
Decimal	7550870
CIE Lab	35.16, 43.17, -41.61
CIE LCh	35, 59.955, 316.054
Yxy	8.5792, 0.2666, 0.1641
Android (android.graphics.Color)	4285740950 (0xFF733796)
YUV	83.7700, 32.6514, 27.3887
Hunter-Lab	29.2903, 33.7034, -39.7686

Details

The Hex color **733796** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5A9637**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **AA69CD**, and **3F0062** is the 20% darker color. If you saturate the color by 10%, you get **6D2896**, and if you desaturate by 10%, it is **794696**.

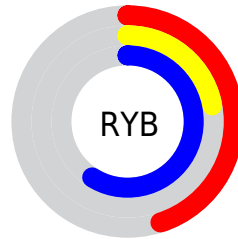
Distribution



Red (45%)

Green (22%)

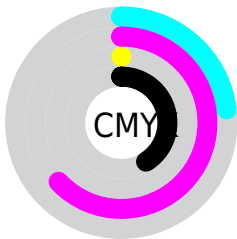
Blue (59%)



Red (45%)

Yellow (22%)

Blue (59%)

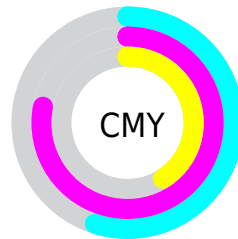


Cyan (23%)

Magenta (63%)

Yellow (0%)

Black (41%)



Cyan (55%)

Magenta (78%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 733796 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 733796 by changing the saturation by 10% instead.

 733796

 733796

FFFFFF

 591E7C

 AA69CD

 3F0062

 C684E9

 25004A

 E39EFF

 080033

 FFBAFF

 00021C

 FFD6FF

 000000

 FFF3FF

 733796

 733796

 6D2896

 794696

681996

7E5596

620A96

846496

5F0096

897396

8F8296

949196

9AA096

9FAF96

A5BE96

Harmonies

Analogous

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



0050B0



733796



9B156B

Triad

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



733796



784800



00676C

Complementary

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



733796



5A9637

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.



00663A



733796



4E5800

Square

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



733796



962F0B



006100



006697

Rectangle

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



733796



A4074B



006100



00675B

Sweetspot

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



733796



B49DC2



375B96



594B61



E0E0E0



616161

Same Dimension

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



733796



8C2FC2



96378B



47434A



57008A



06000A

Inverse Universe

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



96375A



C22F65



379642



4A4345



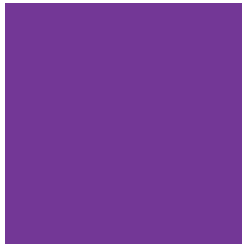
8A0033



0A0004

Previews

White Background



This preview shows how the Hex color 733796 looks on a white background.

Color Contrast Check

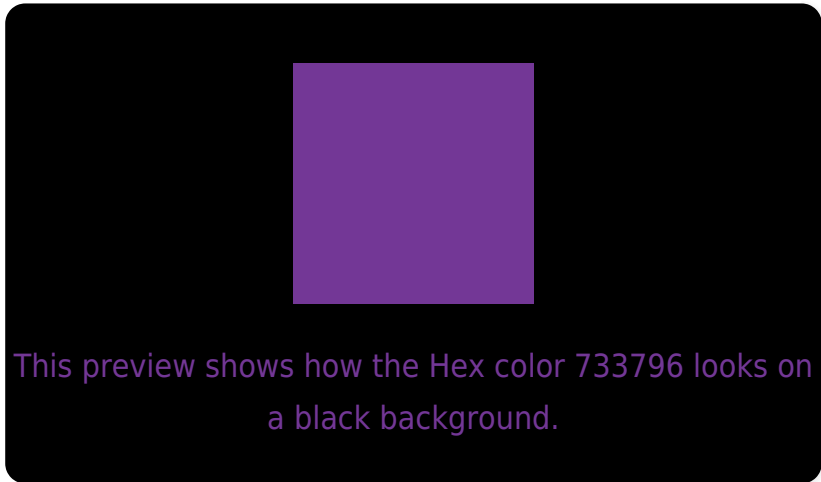
Large Text (above 18pt) WCAG AA ✓ Pass

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

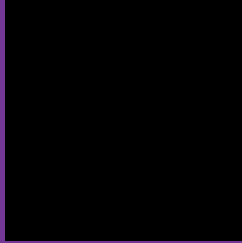
Any Text WCAG AA × Fail

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 733796 Background



This preview shows how black text looks on a background with the Hex color 733796.

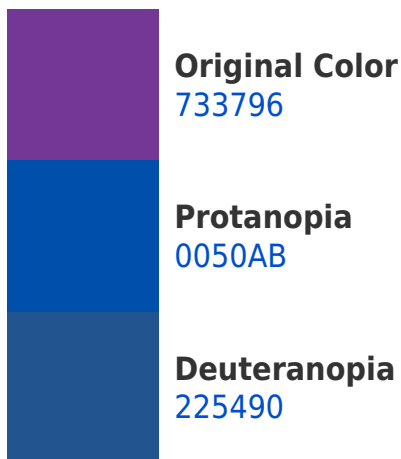


This preview shows how white text looks on a background with the Hex color 733796.

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](#).

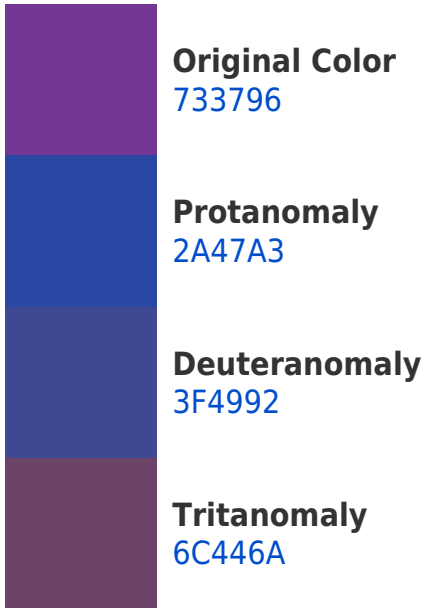
Dichromacy





Tritanopia
684B51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 733796 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 #733796 looks like.

```
.text, #text, p{  
    color:#733796  
}
```

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 #733796 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #733796
}
```

Border

The CSS property to change the border of an element to Hex 733796 is called "border". The border property can be set on classes, ids or directly on the HTML element.

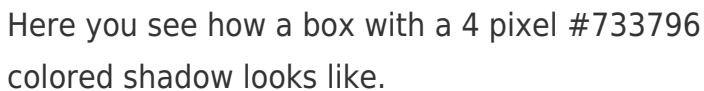
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#733796 }
```

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

```
.border{ border-color:#733796 }
```

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



Here you see how a box with a 4 pixel #733796 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #733796; -webkit-box-shadow:4px 4px  
4px 4px #733796; box-shadow:4px 4px 4px  
4px #733796 }
```

Background

The CSS property to change the background color of an element to Hex 733796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#733796 }
```

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

```
.background{ background-color:#733796 }
```

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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