

Converting Colors

Hex(732A76)

Have a look what the booklet for
Hex(732A76) contains.

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Color

Hex(732A76)

Conversions

Conversions Part 1

Format	Color
Hex	732A76
RGB	115, 42, 118
RGB Percent	45%, 16%, 46%
CMY	0.5490, 0.8353, 0.5373
CMYK	0.03, 0.64, 0.00, 0.54
HSL	298°, 48%, 31%
HSV	298°, 64%, 46%
XYZ	11.1682, 6.6088, 17.8265
YIQ	72.4910, 19.1120, 39.1120

Conversions

Conversions Part 2

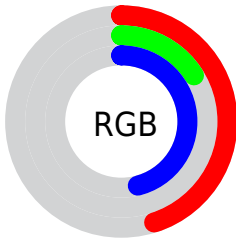
Format	Color
R_{YB}	115, 42, 118
Decimal	7547510
CIE _{Lab}	30.90, 42.75, -28.55
CIE _{LCh}	31, 51.405, 326.260
Yxy	6.6088, 0.3137, 0.1856
Android (android.graphics.Color)	4285737590 (0xFF732A76)
YUV	72.4910, 22.4359, 37.2804
Hunter-Lab	25.7075, 32.5582, -23.1186

Details

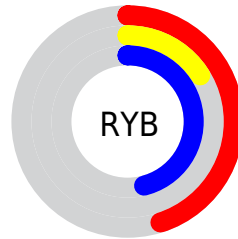
The Hex color **732A76** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2D762A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **A95DAB**, and **400045** is the 20% darker color. If you saturate the color by 10%, you get **731E76**, and if you desaturate by 10%, it is **733676**.

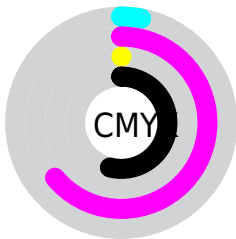
Distribution



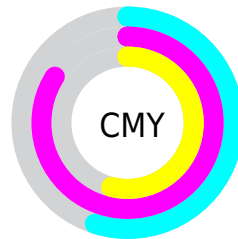
- Red (45%)
- Green (16%)
- Blue (46%)



- Red (45%)
- Yellow (16%)
- Blue (46%)



- Cyan (3%)
- Magenta (64%)
- Yellow (0%)
- Black (54%)



- Cyan (55%)
- Magenta (84%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 732A76 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 732A76 by changing the saturation by 10% instead.

 732A76

 732A76

FFFFFF

 590E5D


 A95DAB

 400045

 C577C6

 2A002F

 E291E2

 000019

 FFADFF

 000000

 FFC9FF

 FFE5FF

 732A76

 732A76

 731E76

 733676

721276

744276

720776

744D76

710076

755976

756576

767176

767D76

778876

779476

Harmonies

Analogous

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



384092



732A76



8B1550

Triad

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



732A76



5E4500



005A6B

Complementary

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



732A76



2D762A

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.



005A42



732A76



375100

Square

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



732A76



7B3400



005717



00578C

Rectangle

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



732A76



8E1735



005717



005A5E

Sweetspot

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



732A76



987C99



2A2E76



4C3B4D



CCCCCC



4D4D4D

Same Dimension

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



732A76



942399



762A54



3A353B



76007A



F000FA

Inverse Universe

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



762A2D



992328



2A764C



3B3535



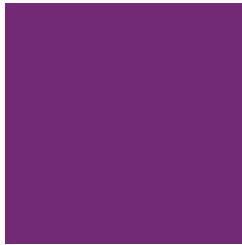
7A0005



FA000A

Previews

White Background



This preview shows how the Hex color 732A76 looks on a white background.

Color Contrast Check

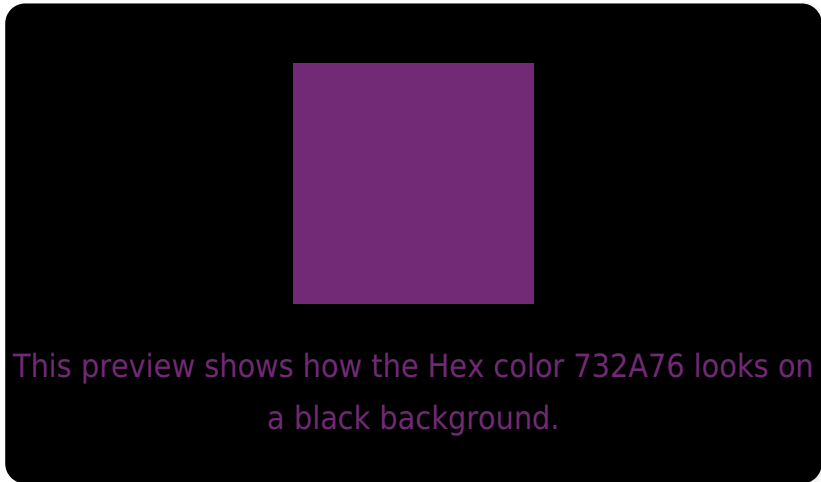
Large Text (above 18pt) WCAG AA ✓ Pass

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

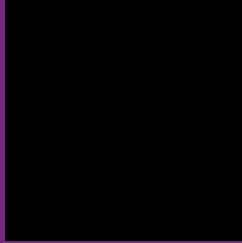
Any Text WCAG AA × Fail

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 732A76 Background



This preview shows how black text looks on a background with the Hex color 732A76.

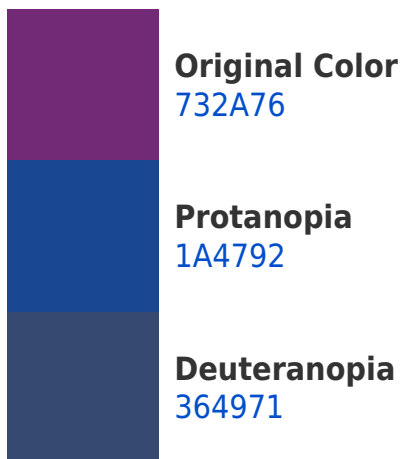


This preview shows how white text looks on a background with the Hex color 732A76.

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
6C3B3F

Trichromacy



Original Color

732A76



Protanomaly

3A3C88



Deuteranomaly

4C3E73



Tritanomaly

6F3553

Monochromacy



Original Color

732A76



Achromatopsia

484848



Achromatomaly

583D59

CSS Examples

Text

The CSS property to change the color of the text to Hex 732A76 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 #732A76 looks like.

```
.text, #text, p{  
    color:#732A76  
}
```

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 #732A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #732A76
}
```

Border

The CSS property to change the border of an element to Hex 732A76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

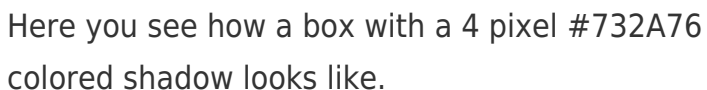
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#732A76 }
```

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

```
.border{ border-color:#732A76 }
```

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



Here you see how a box with a 4 pixel #732A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #732A76; -webkit-box-shadow:4px 4px  
4px 4px #732A76; box-shadow:4px 4px 4px  
4px #732A76 }
```

Background

The CSS property to change the background color of an element to Hex 732A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#732A76 }
```

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

```
.background{ background-color:#732A76 }
```

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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