

# Converting Colors

Hex(732875)

Have a look what the booklet for  
Hex(732875) contains.

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**Color**

**Hex(732875)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 732875                    |
| RGB           | 115, 40, 117              |
| RGB Percent   | 45%, 16%, 46%             |
| CMY           | 0.5490, 0.8431, 0.5412    |
| CMYK          | 0.02, 0.66, 0.00, 0.54    |
| HSL           | 298°, 49%, 31%            |
| HSV           | 298°, 66%, 46%            |
| XYZ           | 11.0399, 6.4468, 17.4921  |
| YIQ           | 71.2030, 19.9830, 39.8470 |

# Conversions

## Conversions Part 2

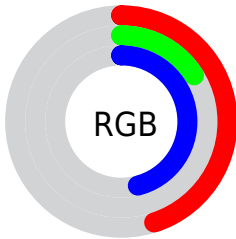
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">115, 40, 117</a>                   |
| Decimal                             | <a href="#">7546997</a>                        |
| CIELab                              | <a href="#">30.51, 43.47, -28.53</a>           |
| CIElCh                              | <a href="#">31, 51.996, 326.723</a>            |
| Yxy                                 | <a href="#">6.4468, 0.3156,<br/>0.1843</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4285737077<br/>(0xFF732875)</a>    |
| YUV                                 | <a href="#">71.2030, 22.5779,<br/>38.4100</a>  |
| Hunter-Lab                          | <a href="#">25.3905, 33.1793,<br/>-23.0729</a> |

# Details

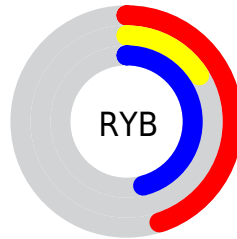
The Hex color **732875** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2A7528**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A95BA9**, and **400044** is the 20% darker color. If you saturate the color by 10%, you get **731C75**, and if you desaturate by 10%, it is **733475**.

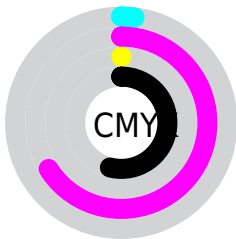
# Distribution



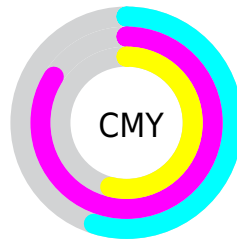
- Red (45%)
- Green (16%)
- Blue (46%)



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



- Cyan (2%)
- Magenta (66%)
- Yellow (0%)
- Black (54%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 732875 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 732875 by changing the saturation by 10% instead.



 732875

 732875

FFFFFF

 590A5C

 A95BA9

 400044

 C575C5

 2B002E

 E290E1

 000018

 FFABFE

 000000

 FFC7FF

 FFE3FF

 732875

 732875

 731C75

 733475

 721175

 743F75

 720575

 744B75

 720075

 745775

 756375

 756E75

 757A75

 758675

 769175

# Harmonies

## Analogous

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



383F91



732875



8B114E

# Triad

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



732875



5C4500



00596B

# Complementary

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



732875



2A7528

# 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.



005942



732875



355000

# Square

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



732875



7A3300



005617



00568C

# Rectangle

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



732875



8D1433



005617



00595E



# Sweetspot

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



732875



987A99



282B75



4C3A4D



CCCCCC



4D4D4D



# Same Dimension

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



732875



962099



752851



3A353B



77007A



F300FA



# Inverse Universe

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



75282A



992023



28754C



3B3535



7A0003



FA0006



# Previews

## White Background



This preview shows how the Hex color 732875 looks on a white background.

## Color Contrast Check

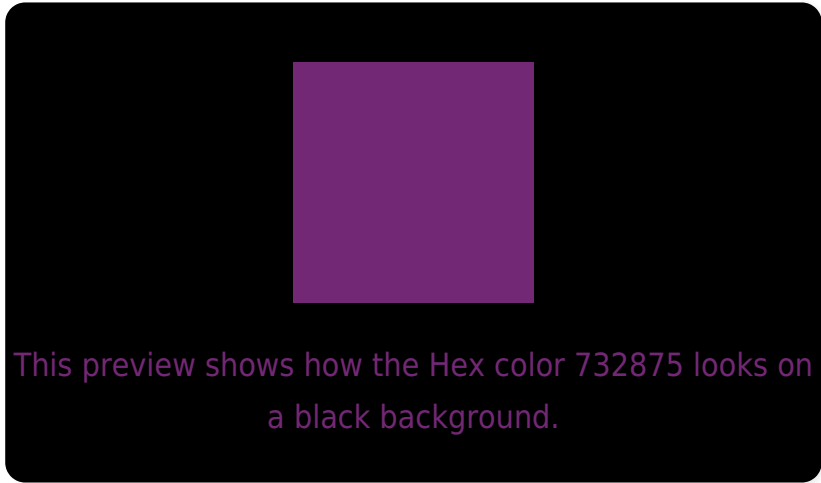
Large Text (above 18pt) WCAG AA ✓ Pass

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

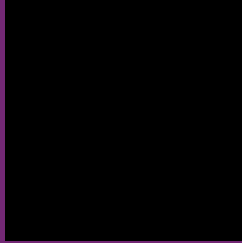
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 732875 Background



This preview shows how black text looks on a background with the Hex color 732875.

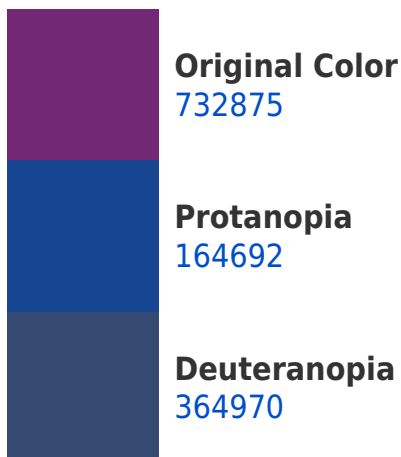



This preview shows how white text looks on a background with the Hex color 732875.

# 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**  
6C393D

# Trichromacy



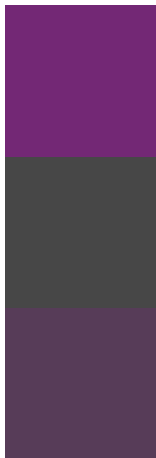
**Original Color**  
732875

**Protanomaly**  
383B87

**Deuteranomaly**  
4C3D72

**Tritanomaly**  
6F3351

# Monochromacy



**Original Color**  
732875

**Achromatopsia**  
474747

**Achromatomaly**  
573C58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 732875 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 #732875 looks like.

```
.text, #text, p{  
    color:#732875  
}
```

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 #732875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #732875
}
```

## Border

The CSS property to change the border of an element to Hex 732875 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
#732875 }
```

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

```
.border{ border-color:#732875 }
```

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

Here you see how a box with a 4 pixel #732875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #732875; -webkit-box-shadow:4px 4px  
4px 4px #732875; box-shadow:4px 4px 4px  
4px #732875 }
```

# Background

The CSS property to change the background color of an element to Hex 732875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#732875 }
```

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

```
.background{ background-color:#732875 }
```

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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