

# Converting Colors

Hex(732576)

Have a look what the booklet for  
Hex(732576) contains.

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**Color**

**Hex(732576)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	732576
RGB	115, 37, 118
RGB Percent	45%, 15%, 46%
CMY	0.5490, 0.8549, 0.5373
CMYK	0.03, 0.69, 0.00, 0.54
HSL	298°, 52%, 30%
HSV	298°, 69%, 46%
XYZ	11.0018, 6.2760, 17.7711
YIQ	69.5560, 20.4870, 41.7270

# Conversions

## Conversions Part 2

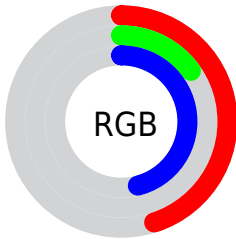
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 37, 118
Decimal	7546230
CIE <sub>Lab</sub>	30.10, 44.98, -29.82
CIE <sub>LCh</sub>	30, 53.963, 326.456
Yxy	6.2760, 0.3139, 0.1791
Android (android.graphics.Color)	4285736310 (0xFF732576)
YUV	69.5560, 23.8829, 39.8544
Hunter-Lab	25.0519, 34.5494, -24.5222

# Details

The Hex color **732576** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **287625**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A959AB**, and **3F0045** is the 20% darker color. If you saturate the color by 10%, you get **731976**, and if you desaturate by 10%, it is **733176**.

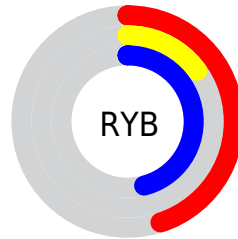
# Distribution



Red (45%)

Green (15%)

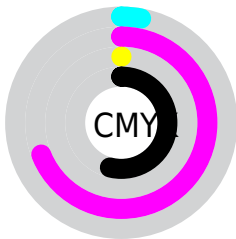
Blue (46%)



Red (45%)

Yellow (15%)

Blue (46%)

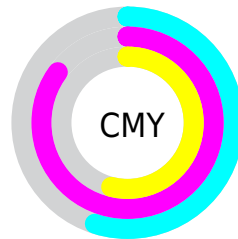


Cyan (3%)

Magenta (69%)

Yellow (0%)

Black (54%)



Cyan (55%)

Magenta (85%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 732576 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 732576 by changing the saturation by 10% instead.



732576

732576

FFFFFF

59055D

A959AB

3F0045

C573C6

2B002F

E28DE2

000019

FFA9FF

000000

FFC5FF

FFE1FF

FFFEFF

732576

732576

731976

733176

720D76

743D76

720276

744876

720076

755476

756076

766C76

767876

768376

778F76

# Harmonies

## Analogous

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



343E93



732576



8C074E

# Triad

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



732576



5C4400



00596B

# Complementary

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



732576



287625

# 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.



005840



732576



334F00

# Square

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



732576



7A3000



005513



00568D

# Rectangle

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



732576



8F0B32



005513



00595E



# Sweetspot

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



732576



987999



252976



4C394D



CCCCCC



4D4D4D



# Same Dimension

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



732576



941C99



762552



3A353B



76007A



F100FA



# Inverse Universe

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



762528



991C20



257649



3B3535



7A0005



FA0009



# Previews

## White Background



This preview shows how the Hex color 732576 looks on a white background.

## Color Contrast Check

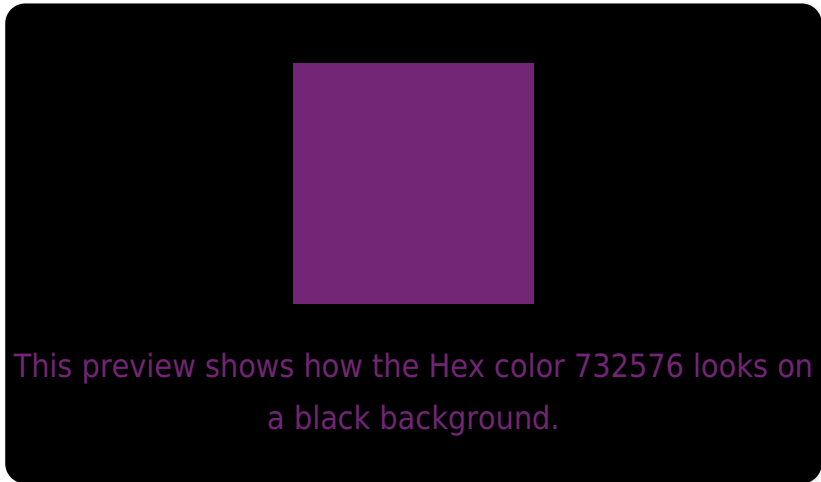
Large Text (above 18pt) WCAG AA ✓ Pass

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

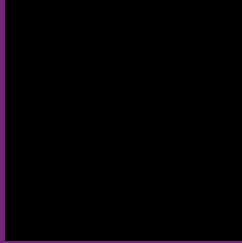
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 732576 Background



This preview shows how black text looks on a background with the Hex color 732576.




This preview shows how white text looks on a background with the Hex color 732576.

# 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**  
6C383C

# Trichromacy



**Original Color**

732576



**Protanomaly**

2A3989



**Deuteranomaly**

4A3B72



**Tritanomaly**

6F3151

# Monochromacy



**Original Color**

732576



**Achromatopsia**

464646



**Achromatomaly**

563A57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 732576 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 #732576 looks like.

```
.text, #text, p{  
    color:#732576  
}
```

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 #732576 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #732576
}
```

## Border

The CSS property to change the border of an element to Hex 732576 is called "border". The border property can be set on classes, ids or directly on the HTML element.

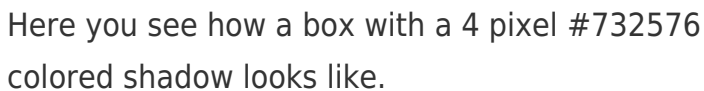
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#732576 }
```

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

```
.border{ border-color:#732576 }
```

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



Here you see how a box with a 4 pixel #732576 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #732576; -webkit-box-shadow:4px 4px  
4px 4px #732576; box-shadow:4px 4px 4px  
4px #732576 }
```

# Background

The CSS property to change the background color of an element to Hex 732576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#732576 }
```

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

```
.background{ background-color:#732576 }
```

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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