

# Converting Colors

Hex(732D57)

Have a look what the booklet for  
Hex(732D57) contains.

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**Color**

**Hex(732D57)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	732D57
RGB	115, 45, 87
RGB Percent	45%, 18%, 34%
CMY	0.5490, 0.8235, 0.6588
CMYK	0.00, 0.61, 0.24, 0.55
HSL	324°, 44%, 31%
HSV	324°, 61%, 45%
XYZ	9.7289, 6.2097, 9.7027
YIQ	70.7180, 28.2380, 27.9020

# Conversions

## Conversions Part 2

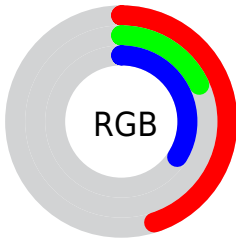
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 45, 87
Decimal	7548247
CIE Lab	29.94, 35.89, -10.13
CIE LCh	30, 37.295, 344.235
Yxy	6.2097, 0.3794, 0.2422
Android (android.graphics.Color)	4285738327 (0xFF732D57)
YUV	70.7180, 8.0270, 38.8353
Hunter-Lab	24.9193, 26.0805, -5.6418

# Details

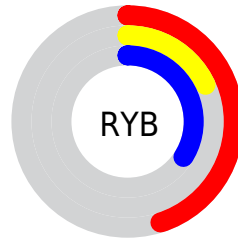
The Hex color **732D57** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2D7349**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A95F89**, and **40002A** is the 20% darker color. If you saturate the color by 10%, you get **732152**, and if you desaturate by 10%, it is **73395C**.

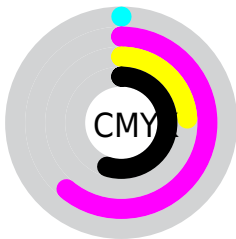
# Distribution



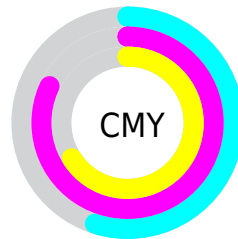
- Red (45%)
- Green (18%)
- Blue (34%)



- Red (45%)
- Yellow (18%)
- Blue (34%)



- Cyan (0%)
- Magenta (61%)
- Yellow (24%)
- Black (55%)



- Cyan (55%)
- Magenta (82%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 732D57 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 732D57 by changing the saturation by 10% instead.




 732D57

 732D57

FFFFFF

 591340

 A95F89

 40002A

 C578A3

 2C0016

 E293BE

 000000

 FFAEDA

 FFCAF7

 FFE6FF

 732D57

 732D57

 732152

 73395C

73164E

734460

730A49

735065

730045

735B69

73676E

737273

737E77

73897C

739480

# Harmonies

## Analogous

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



593970



732D57



7B2B3A

# Triad

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



732D57



484905



00536E

# Complementary

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



732D57



2D7349

# 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.



005454



732D57



27501A

# Square

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



732D57



624009



005336



004E7E

# Rectangle

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



732D57



783028



005336



005466



# Sweetspot

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



732D57



967B8C



492D73



4D3C46



CCCCCC



4D4D4D



# Same Dimension

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



732D57



96296B



732D34



3B3538



7A0049



FA0096



# Inverse Universe

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



732D57



96296B



2D736C



3B3538



7A0049

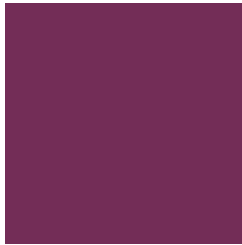


FA0096



# Previews

## White Background



This preview shows how the Hex color 732D57 looks on a white background.

## Color Contrast Check

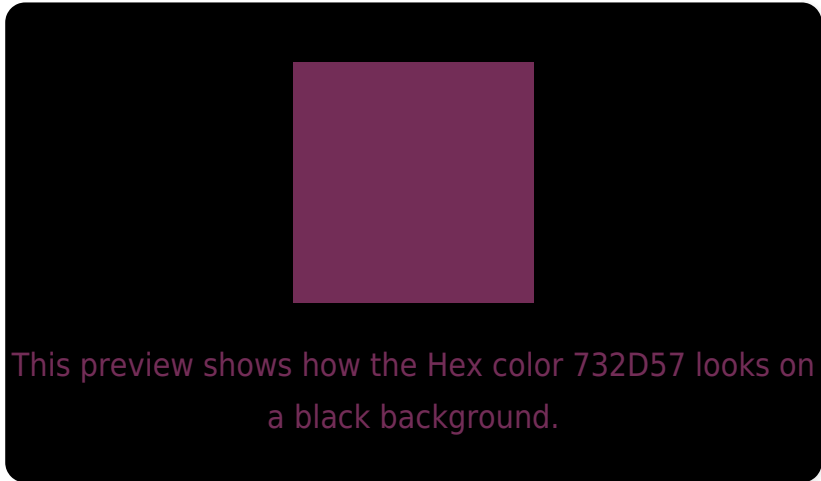
Large Text (above 18pt) WCAG AA ✓ Pass

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 732D57 Background



This preview shows how black text looks on a background with the Hex color 732D57.

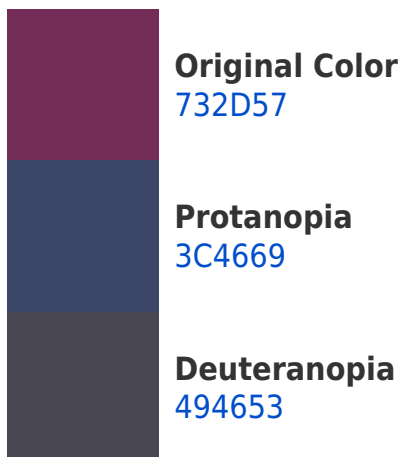



This preview shows how white text looks on a background with the Hex color 732D57.

# 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**  
703438

# Trichromacy



**Original Color**  
732D57

**Protanomaly**  
503D62

**Deuteranomaly**  
583D54

**Tritanomaly**  
713143

# Monochromacy



**Original Color**  
732D57

**Achromatopsia**  
474747

**Achromatomaly**  
573E4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 732D57 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 #732D57 looks like.

```
.text, #text, p{  
    color:#732D57  
}
```

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 #732D57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #732D57
}
```

## Border

The CSS property to change the border of an element to Hex 732D57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

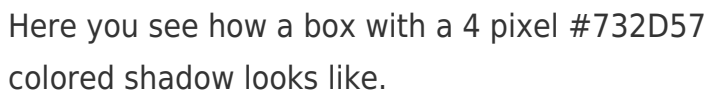
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#732D57 }
```

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

```
.border{ border-color:#732D57 }
```

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



Here you see how a box with a 4 pixel #732D57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #732D57; -webkit-box-shadow:4px 4px  
4px 4px #732D57; box-shadow:4px 4px 4px  
4px #732D57 }
```

# Background

The CSS property to change the background color of an element to Hex 732D57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#732D57 }
```

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

```
.background{ background-color:#732D57 }
```

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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