

# Converting Colors

Hex(739275)

Have a look what the booklet for  
Hex(739275) contains.

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# Color

Hex(739275)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	739275
RGB	115, 146, 117
RGB Percent	45%, 57%, 46%
CMY	0.5490, 0.4275, 0.5412
CMYK	0.21, 0.00, 0.20, 0.43
HSL	124°, 12%, 51%
HSV	124°, 21%, 57%
XYZ	20.5600, 25.4870, 20.6655
YIQ	133.4250, -9.1670, -15.5910

# Conversions

## Conversions Part 2

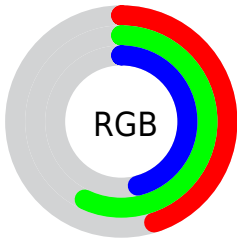
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 144, 146
Decimal	7574133
CIELab	57.55, -16.87, 11.87
CIElCh	58, 20.624, 144.868
Yxy	25.4870, 0.3082, 0.3820
Android (android.graphics.Color)	4285764213 (0xFF739275)
YUV	133.4250, -8.0975, -16.1587
Hunter-Lab	50.4846, -15.6534, 11.0693

# Details

The Hex color `739275` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `927390`, and the grayscale version is `868686`.

A 20% lighter version of the original color is `A7C8A9`, and `425F45` is the 20% darker color. If you saturate the color by 10%, you get `649267`, and if you desaturate by 10%, it is `829283`.

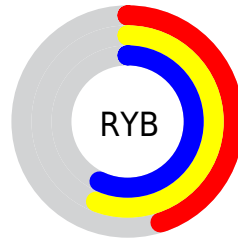
# Distribution



Red (45%)

Green (57%)

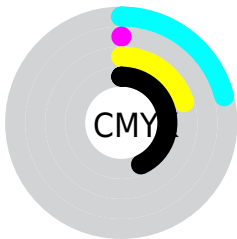
Blue (46%)



Red (45%)

Yellow (56%)

Blue (57%)

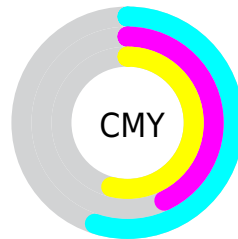


Cyan (21%)

Magenta (0%)

Yellow (20%)

Black (43%)



Cyan (55%)

Magenta (43%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 739275 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 739275 by changing the saturation by 10% instead.



 739275

 739275

FFFFFF

 5A785C

 A7C8A9

 425F45

 C3E4C4

 2B482E

 DFFFE0

 153119

 FCFFFD

 001D00

 000000

 739275

 739275

 649267

 829283

 56925A

 909290

 47924C

 9F929E

 39923E

 AD92AC

 2A9231

 BC92B9

 1B9223

 CB92C7

 0D9215

 D992D5

 009209

 E892E2

 F692F0

# Harmonies

## Analogous

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



888E69



739275



609486

# Triad

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



739275



708DAE



AF7E7C

# Complementary

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



739275



927390

# 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.



AC7D8E



739275



8987AB

# Square

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



739275



5C92A7



9F819F



A9826D

# Rectangle

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



739275



589493



9F819F



AF7D82



# Sweetspot

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



739275



B1BDB2



909273



585E58



DEDEDE



5E5E5E



# Same Dimension

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



739275



8EBD91



739284



434A43



008A09



000A01



# Inverse Universe

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



927390



BD8EBA



927381



4A4349



8A0081



0A000A



# Previews

## White Background



This preview shows how the Hex color 739275 looks on a white background.

## Color Contrast Check

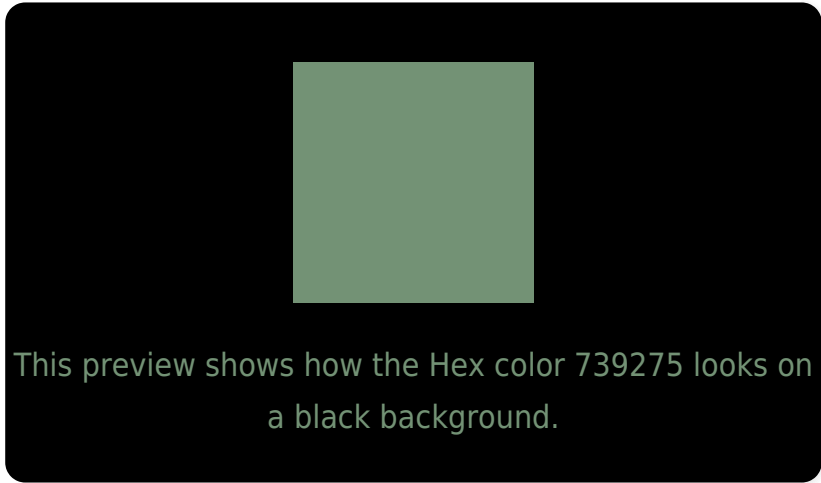
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

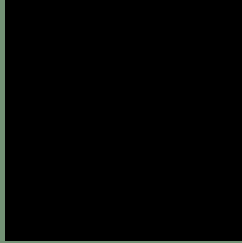
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 739275 Background



This preview shows how black text looks on a background with the Hex color 739275.

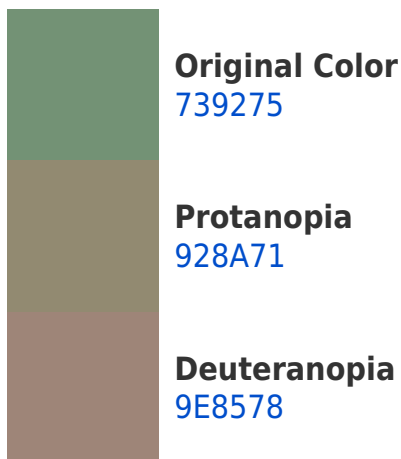


This preview shows how white text looks on a background with the Hex color 739275.

# 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**  
798D98

# Trichromacy



**Original Color**  
739275

**Protanomaly**  
878D72

**Deuteranomaly**  
8E8A77

**Tritanomaly**  
778F8B

# Monochromacy



**Original Color**  
739275

**Achromatopsia**  
858585

**Achromatomaly**  
7E8A7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 739275 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 #739275 looks like.

```
.text, #text, p{  
    color:#739275  
}
```

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 #739275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #739275  
}
```

## Border

The CSS property to change the border of an element to Hex 739275 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  
#739275 }
```

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

```
.border{ border-color:#739275 }
```

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

Here you see how a box with a 4 pixel #739275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #739275; -webkit-box-shadow:4px 4px  
4px 4px #739275; box-shadow:4px 4px 4px  
4px #739275 }
```

# Background

The CSS property to change the background color of an element to Hex 739275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#739275 }
```

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

```
.background{ background-color:#739275 }
```

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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