

Converting Colors

Hex(49337D)

Have a look what the booklet for
Hex(49337D) contains.

Hex(49337D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(49337D)

Conversions

Conversions Part 1

Format	Color
Hex	49337D
RGB	73, 51, 125
RGB Percent	29%, 20%, 49%
CMY	0.7137, 0.8000, 0.5098
CMYK	0.42, 0.59, 0.00, 0.51
HSL	258°, 42%, 35%
HSV	258°, 59%, 49%
XYZ	7.6332, 5.2648, 20.0159
YIQ	66.0140, -10.6420, 27.6780

Conversions

Conversions Part 2

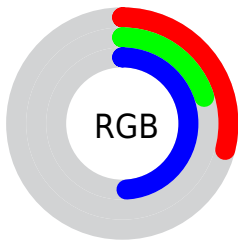
Format	Color
R_{YB}	73, 51, 125
Decimal	4797309
CIE _{Lab}	27.48, 28.32, -38.76
CIE _{LCh}	27, 48.006, 306.156
Yxy	5.2648, 0.2319, 0.1600
Android (android.graphics.Color)	4282987389 (0xFF49337D)
YUV	66.0140, 29.0801, 6.1267
Hunter-Lab	22.9451, 19.2276, -35.6594

Details

The Hex color **49337D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **677D33**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **7D62B2**, and **14084B** is the 20% darker color. If you saturate the color by 10%, you get **40277D**, and if you desaturate by 10%, it is **52407D**.

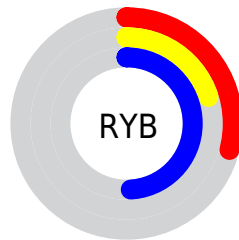
Distribution



Red (29%)

Green (20%)

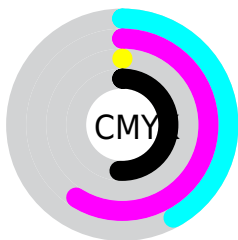
Blue (49%)



Red (29%)

Yellow (20%)

Blue (49%)

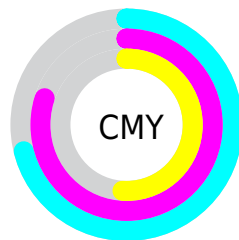


Cyan (42%)

Magenta (59%)

Yellow (0%)

Black (51%)



Cyan (71%)

Magenta (80%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49337D 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 49337D by changing the saturation by 10% instead.

■ 49337D

■ 49337D

FFFFFF

■ 2F1D64

■ 7D62B2

■ 14084B

■ 987BCE

■ 000034

■ B495EA

■ 00021E

■ D0B0FF

■ 000000

■ EDCCFF

■ FFE8FF

■ 49337D

■ 49337D

■ 40277D

■ 52407D

■ 371A7D

■ 5B4C7D

■ 2F0E7D

■ 63597D

■ 26017D

■ 6C657D

■ 25007D

■ 75727D

■ 7E7E7D

■ 868B7D

■ 8F977D

■ 98A47D

Harmonies

Analogous

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



00438B



49337D



721D5F

Triad

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



49337D



673300



005148

Complementary

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



49337D



677D33

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.



004F21



49337D



4A4200

Square

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



49337D



7B2017



214A00



00506C

Rectangle

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



49337D



7E1147



214A00



00503B

Sweetspot

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



49337D



8F86A3



33687D



454052



D1D1D1



525252

Same Dimension

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



49337D



522FA3



6D337D



3B3940



260080



000000

Inverse Universe

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



7D3367



A32F81



437D33



40393E



80005A



000000

Previews

White Background



This preview shows how the Hex color 49337D looks on a white background.

Color Contrast Check

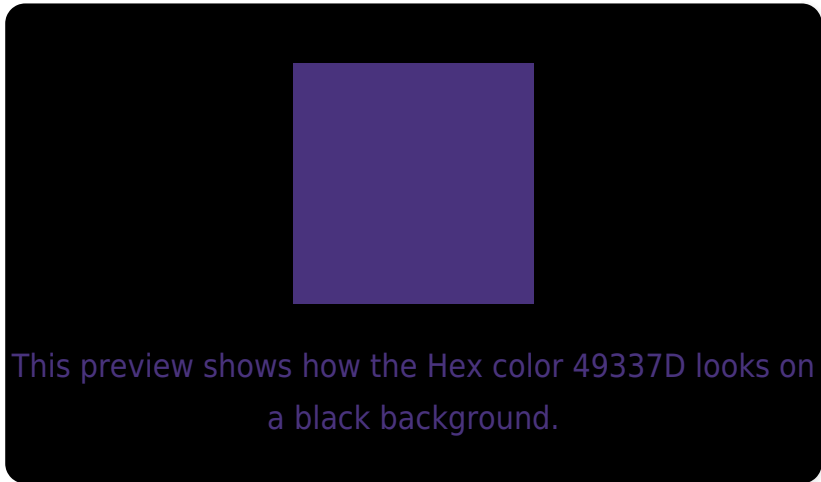
Large Text (above 18pt) WCAG AA ✓ Pass

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

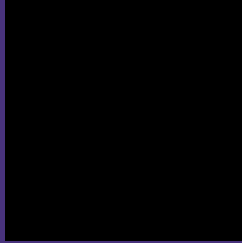
Any Text WCAG AA × Fail

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 49337D Background



This preview shows how black text looks on a background with the Hex color 49337D.



This preview shows how white text looks on a background with the Hex color 49337D.

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



Original Color
49337D

Protanopia
003F86

Deuteranopia
004275



Tritanopia
3C4247

Trichromacy



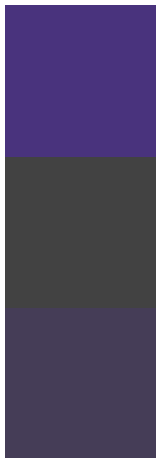
Original Color
49337D

Protanomaly
1B3B83

Deuteranomaly
1B3D78

Tritanomaly
413D5B

Monochromacy



Original Color
49337D

Achromatopsia
424242

Achromatomaly
453D57

CSS Examples

Text

The CSS property to change the color of the text to Hex 49337D 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 #49337D looks like.

```
.text, #text, p{  
    color:#49337D  
}
```

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 #49337D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49337D
}
```

Border

The CSS property to change the border of an element to Hex 49337D is called "border". The border property can be set on classes, ids or directly on the HTML element.

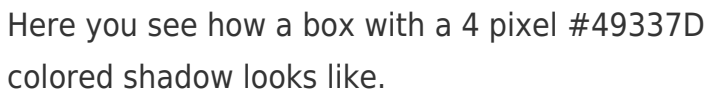
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49337D }
```

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

```
.border{ border-color:#49337D }
```

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



Here you see how a box with a 4 pixel #49337D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49337D; -webkit-box-shadow:4px 4px  
4px 4px #49337D; box-shadow:4px 4px 4px  
4px #49337D }
```

Background

The CSS property to change the background color of an element to Hex 49337D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49337D }
```

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

```
.background{ background-color:#49337D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor