

Converting Colors

Hex(59437D)

Have a look what the booklet for
Hex(59437D) contains.

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Color

Hex(59437D)

Conversions

Conversions Part 1

Format	Color
Hex	59437D
RGB	89, 67, 125
RGB Percent	35%, 26%, 49%
CMY	0.6510, 0.7373, 0.5098
CMYK	0.29, 0.46, 0.00, 0.51
HSL	263°, 30%, 38%
HSV	263°, 46%, 49%
XYZ	9.8286, 7.6188, 20.3546
YIQ	80.1900, -5.5060, 22.7020

Conversions

Conversions Part 2

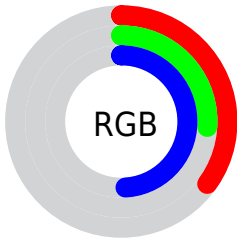
Format	Color
R_{YB}	89, 67, 125
Decimal	5849981
CIE _{Lab}	33.18, 22.72, -29.57
CIE _{LCh}	33, 37.292, 307.537
Yxy	7.6188, 0.2600, 0.2015
Android (android.graphics.Color)	4284040061 (0xFF59437D)
YUV	80.1900, 22.0913, 7.7264
Hunter-Lab	27.6022, 15.2567, -24.4004

Details

The Hex color **59437D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **677D43**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8D73B2**, and **28174C** is the 20% darker color. If you saturate the color by 10%, you get **51377D**, and if you desaturate by 10%, it is **61507D**.

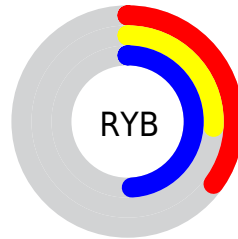
Distribution



Red (35%)

Green (26%)

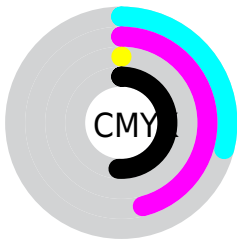
Blue (49%)



Red (35%)

Yellow (26%)

Blue (49%)

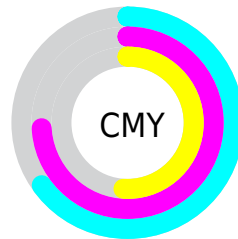


Cyan (29%)

Magenta (46%)

Yellow (0%)

Black (51%)



Cyan (65%)

Magenta (74%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59437D 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 59437D by changing the saturation by 10% instead.

■ 59437D

■ 59437D

FFFFFF

■ 402C64

■ 8D73B2

■ 28174C

■ A78DCE

■ 140035

■ C3A8EA

■ 00021F

■ DFC3FF

■ 000001

■ FCDFFF

■ 000000

■ FFFCFF

■ 59437D

■ 59437D

■ 51377D

■ 61507D

492A7D

695C7D

421D7D

70697D

3A117D

78757D

32047D

80827D

2F007D

888E7D

8F9B7D

97A77D

9FB37D

Harmonies

Analogous

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



1C4F89



59437D



773765

Triad

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



59437D



6F4415



005C55

Complementary

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



59437D



677D43

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.



005B36



59437D



574F0D

Square

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



59437D



7F392C



37561C



005B71

Rectangle

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



59437D



813352



37561C



005C4B

Sweetspot

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



59437D



958CA3



43687D



494452



D1D1D1



525252

Same Dimension

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



59437D



6A48A3



75437D



3C3940



300080



000000

Inverse Universe

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



7D4367



A34881



4B7D43



40393D



80004F



000000

Previews

White Background



This preview shows how the Hex color 59437D 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 59437D Background



This preview shows how black text looks on a background with the Hex color 59437D.



This preview shows how white text looks on a background with the Hex color 59437D.

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
59437D

Protanopia
354C86

Deuteranopia
364E7B



Tritanopia
514D53

Trichromacy



Original Color
59437D

Protanomaly
424983

Deuteranomaly
434A7C

Tritanomaly
544962

Monochromacy



Original Color
59437D

Achromatopsia
505050

Achromatomaly
534B60

CSS Examples

Text

The CSS property to change the color of the text to Hex 59437D 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 #59437D looks like.

```
.text, #text, p{  
    color:#59437D  
}
```

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 #59437D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59437D
}
```

Border

The CSS property to change the border of an element to Hex 59437D is called "border". The border property can be set on classes, ids or directly on the HTML element.

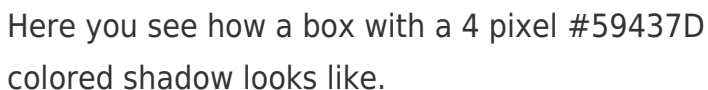
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#59437D }
```

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

```
.border{ border-color:#59437D }
```

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



Here you see how a box with a 4 pixel #59437D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59437D; -webkit-box-shadow:4px 4px  
4px 4px #59437D; box-shadow:4px 4px 4px  
4px #59437D }
```

Background

The CSS property to change the background color of an element to Hex 59437D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59437D }
```

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

```
.background{ background-color:#59437D }
```

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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