

Converting Colors

Hex(49375E)

Have a look what the booklet for
Hex(49375E) contains.

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Color

Hex(49375E)

Conversions

Conversions Part 1

Format	Color
Hex	49375E
RGB	73, 55, 94
RGB Percent	29%, 22%, 37%
CMY	0.7137, 0.7843, 0.6314
CMYK	0.22, 0.41, 0.00, 0.63
HSL	268°, 26%, 29%
HSV	268°, 41%, 37%
XYZ	6.1342, 4.9570, 11.2232
YIQ	64.8280, -1.7910, 15.9450

Conversions

Conversions Part 2

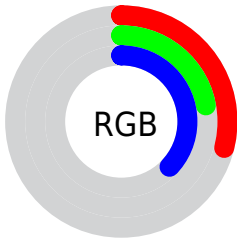
Format	Color
R_{YB}	73, 55, 94
Decimal	4798302
CIE _{Lab}	26.61, 16.89, -20.31
CIE _{LCh}	27, 26.410, 309.750
Yxy	4.9570, 0.2749, 0.2221
Android (android.graphics.Color)	4282988382 (0xFF49375E)
YUV	64.8280, 14.3818, 7.1668
Hunter-Lab	22.2643, 10.2174, -14.3023

Details

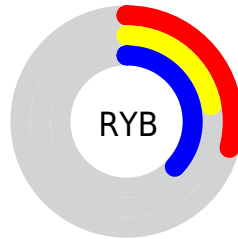
The Hex color **49375E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4C5E37**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7A6691**, and **1C0D30** is the 20% darker color. If you saturate the color by 10%, you get **442E5E**, and if you desaturate by 10%, it is **4E405E**.

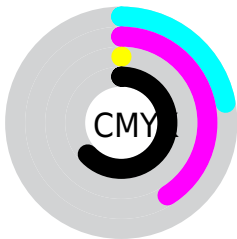
Distribution



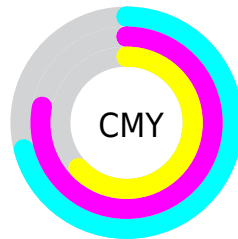
- Red (29%)
- Green (22%)
- Blue (37%)



- Red (29%)
- Yellow (22%)
- Blue (37%)



- Cyan (22%)
- Magenta (41%)
- Yellow (0%)
- Black (63%)



- Cyan (71%)
- Magenta (78%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49375E 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 49375E by changing the saturation by 10% instead.

■ 49375E

■ 49375E

FFFFFF

■ 322146

■ 7A6691

■ 1C0D30

■ 957FAB

■ 00001B

■ AF99C7

■ 000000

■ CBB4E3

■ E7D0FF

■ FFECFF

■ 49375E

■ 49375E

■ 442E5E

■ 4E405E

■ 3F245E

■ 534A5E

■ 3A1B5E

■ 58535E

■ 35115E

■ 5D5D5E

■ 30085E

■ 62665E

■ 2B005E

■ 676F5E

■ 6C795E

■ 71825E

■ 778C5E

Harmonies

Analogous

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



283F67



49375E



5D304D

Triad

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



49375E



563919



004945

Complementary

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



49375E



4C5E37

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.



0F4830



49375E



444015

Square

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



49375E



613226



2F451F



004858

Rectangle

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



49375E



632E40



2F451F



00493E

Sweetspot

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



49375E



726C7A



374C5E



39353D



BDBDBD



3D3D3D

Same Dimension

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



49375E



593D7A



5C375E



2B292E



33006E



6D00ED

Inverse Universe

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



5E374C



7A3D5E



395E37



2E292C



6E003B



ED0080

Previews

White Background



This preview shows how the Hex color 49375E looks on a white background.

Color Contrast Check

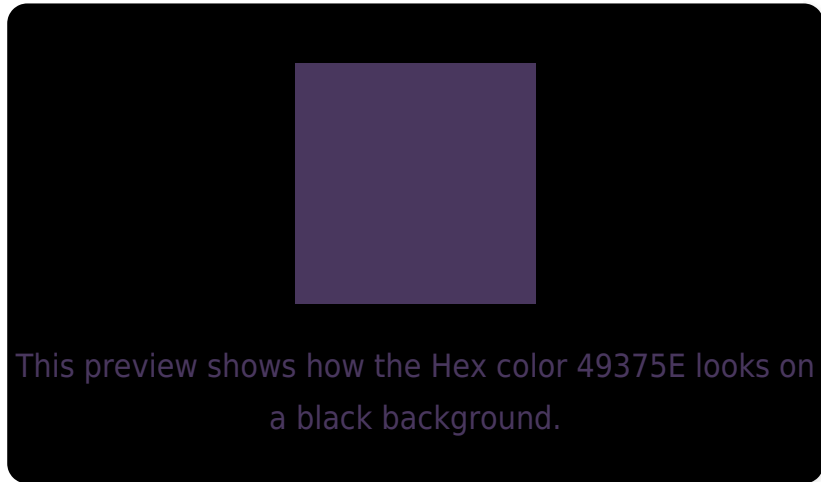
Large Text (above 18pt) WCAG AA ✓ Pass

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

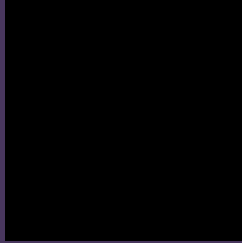
Any Text WCAG AA × Fail

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 49375E Background



This preview shows how black text looks on a background with the Hex color 49375E.



This preview shows how white text looks on a background with the Hex color 49375E.

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
49375E

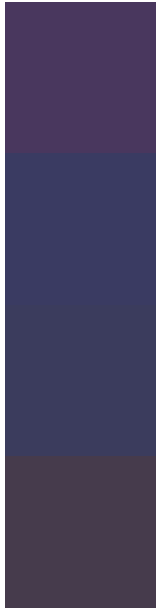
Protanopia
313E64

Deuteranopia
333F5C



Tritanopia
443D42

Trichromacy



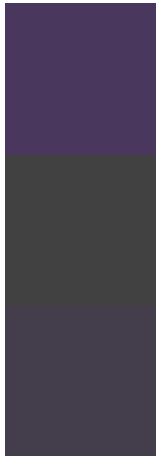
Original Color
49375E

Protanomaly
3A3B62

Deuteranomaly
3B3C5D

Tritanomaly
463B4C

Monochromacy



Original Color
49375E

Achromatopsia
414141

Achromatomaly
443D4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 49375E 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 #49375E looks like.

```
.text, #text, p{  
    color:#49375E  
}
```

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 #49375E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49375E
}
```

Border

The CSS property to change the border of an element to Hex 49375E is called "border". The border property can be set on classes, ids or directly on the HTML element.

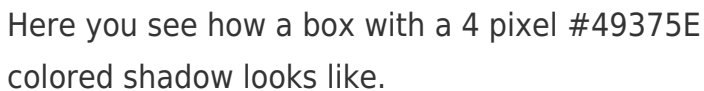
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49375E }
```

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

```
.border{ border-color:#49375E }
```

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



Here you see how a box with a 4 pixel #49375E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49375E; -webkit-box-shadow:4px 4px  
4px 4px #49375E; box-shadow:4px 4px 4px  
4px #49375E }
```

Background

The CSS property to change the background color of an element to Hex 49375E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49375E }
```

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

```
.background{ background-color:#49375E }
```

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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