Converting Colors

Hex(49405D)

Have a look what the booklet for Hex(49405D) contains.

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Color

Hex(49405D)

Conversions

Conversions Part 1

Format	Color
Hex	49405D
RGB	73, 64, 93
RGB Percent	29%, 25%, 36%
CMY	0.7137, 0.7490, 0.6353
CMYK	0.22, 0.31, 0.00, 0.64
HSL	259°, 18%, 31%
HSV	259°, 31%, 36%
XYZ	6.5568, 5.8736, 11.1441
YIQ	69.9970, -3.9450, 10.9270

Conversions

Conversions Part 2

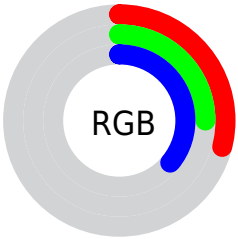
Format	Color
RYB	73, 64, 93
Decimal	4800605
CIELab	29.09, 10.70, -15.81
CIELCh	29, 19.093, 304.103
Yxy	5.8736, 0.2781, 0.2491
Android (android.graphics.Color)	4282990685 (0xFF49405D)
YUV	69.9970, 11.3405, 2.6336
Hunter-Lab	24.2355, 5.8806, -10.2982

Details

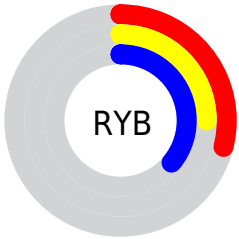
The Hex color 49405D is a dark color, and the websafe version is hex 333366. A complement of this color would be 545D40, and the grayscale version is 464646.

A 20% lighter version of the original color is 7A708F, and 1C162F is the 20% darker color. If you saturate the color by 10%, you get 43375D, and if you desaturate by 10%, it is 4F495D.

Distribution

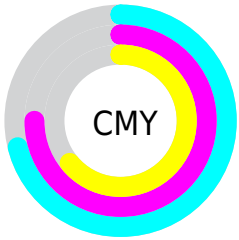


- Red (29%)
- Green (25%)
- Blue (36%)



- Red (29%)
- Yellow (25%)
- Blue (36%)

- Cyan (22%)
- Magenta (31%)
- Yellow (0%)
- Black (64%)



- Cyan (71%)
- Magenta (75%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49405D 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 49405D by changing the saturation by 10% instead.

49405D	49405D
FFFFFF	322A45
7A708F	1C162F
9489AA	01001A
AFA3C5	000000
CABFE1	
E6DAFE	
FFF7FF	

49405D	49405D
43375D	4F495D

3C2D5D

36245D

2F1B5D

29115D

23085D

1D005D

56535D

5C5C5D

63655D

696F5D

6F785D

76815D

7C8A5D

83945D

Harmonies

Analogous

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

334562

49405D

593B52

Triad

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

49405D

593F2A

184D46

Complementary

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

49405D

545D40

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.

2B4B37

49405D

4C4427

Square

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

49405D

603B35

3D492C

0A4C55

Rectangle

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

49405D

5F3948

3D492C

1E4C41

Sweetspot

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

49405D

706D78

40545D

39363D

BDBDBD

3D3D3D

Same Dimension

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

49405D

594C78

57405D

2B292E

22006E

4A00ED

Inverse Universe

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

5D4054

784C6A

465D40

2E292C

6E004C

ED00A4

Previews

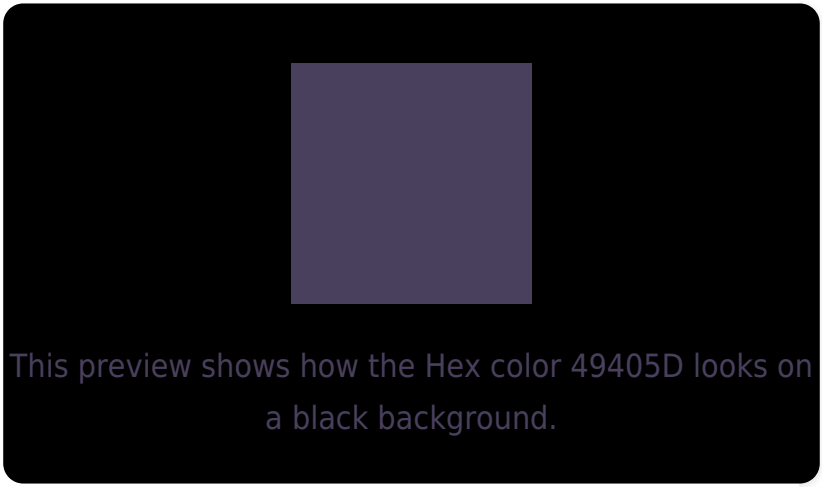
White Background

This preview shows how the Hex color 49405D 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

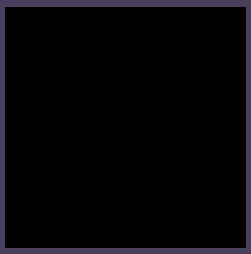


Color Contrast Check

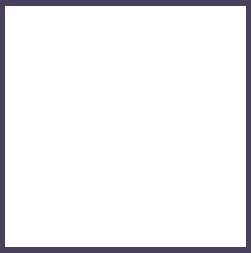
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 49405D Background



This preview shows how black text looks on a background with the Hex color 49405D.



This preview shows how white text looks on a background with the Hex color 49405D.

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
49405D

Protanopia
3C4460

Deuteranopia
3E445C

Tritanopia
454449

Trichromacy

Original Color
49405D

Protanomaly
41435F

Deuteranomaly
42435C

Tritanomaly
464350

Monochromacy

Original Color
49405D

Achromatopsia
464646

Achromatomaly
47444E

CSS Examples

Text

The CSS property to change the color of the text to Hex 49405D 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 #49405D looks like.

```
.text, #text, p{
    color:#49405D
}
```

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 #49405D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49405D
}
```

Border

The CSS property to change the border of an element to Hex 49405D 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
#49405D }
```

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

```
.border{ border-color:#49405D }
```

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

Here you see how a box with a 4 pixel #49405D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #49405D; -webkit-box-shadow:4px 4px 4px 4px #49405D; box-shadow:4px 4px 4px 4px #49405D }
```

Background

The CSS property to change the background color of an element to Hex 49405D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#49405D }
```

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

```
.background{ background-color:#49405D }
```

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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