

Converting Colors

Hex(49425F)

Have a look what the booklet for
Hex(49425F) contains.

Hex(49425F)	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(49425F)

Conversions

Conversions Part 1

Format	Color
Hex	49425F
RGB	73, 66, 95
RGB Percent	29%, 26%, 37%
CMY	0.7137, 0.7412, 0.6275
CMYK	0.23, 0.31, 0.00, 0.63
HSL	254°, 18%, 32%
HSV	254°, 31%, 37%
XYZ	6.7614, 6.1391, 11.6551
YIQ	71.3990, -5.1370, 10.5030

Conversions

Conversions Part 2

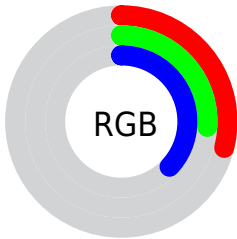
Format	Color
R_{YB}	73, 66, 95
Decimal	4801119
CIE Lab	29.76, 9.93, -16.06
CIE LCh	30, 18.885, 301.723
Yxy	6.1391, 0.2754, 0.2500
Android (android.graphics.Color)	4282991199 (0xFF49425F)
YUV	71.3990, 11.6353, 1.4041
Hunter-Lab	24.7772, 5.3504, -10.5456

Details

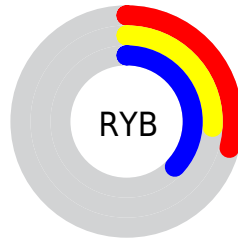
The Hex color **49425F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **585F42**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7A7292**, and **1C1731** is the 20% darker color. If you saturate the color by 10%, you get **42395F**, and if you desaturate by 10%, it is **504C5F**.

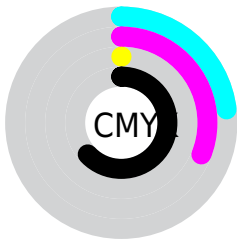
Distribution



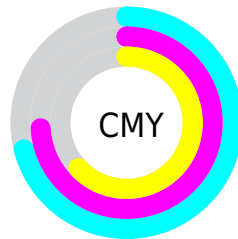
- Red (29%)
- Green (26%)
- Blue (37%)



- Red (29%)
- Yellow (26%)
- Blue (37%)



- Cyan (23%)
- Magenta (31%)
- Yellow (0%)
- Black (63%)



- Cyan (71%)
- Magenta (74%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49425F 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 49425F by changing the saturation by 10% instead.

■ 49425F

■ 49425F

FFFFFF

■ 322C47

■ 7A7292

■ 1C1731

■ 948BAC

■ 05001C

■ AFA6C8

■ 000000

■ CAC1E4

■ E6DDFF

■ FFF9FF

■ 49425F

■ 49425F

■ 42395F

■ 504C5F

■ 3B2F5F

■ 57555F

■ 33265F

■ 5F5F5F

■ 2C1C5F

■ 66685F

■ 25135F

■ 6D725F

■ 1E095F

■ 747B5F

■ 17005F

■ 7B855F

■ 838E5F

■ 8A985F

Harmonies

Analogous

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



334763



49425F



593D54

Triad

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



49425F



5B402D



1C4E46

Complementary

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



49425F



585F42

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.



2E4D38



49425F



4F4529

Square

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



49425F



623C37



404A2D



0F4E55

Rectangle

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



49425F



603B4B



404A2D



224E41

Sweetspot

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



49425F



726F7A



42585F



38363D



BDBDBD



3D3D3D

Same Dimension

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



49425F



584D7A



57425F



2D2C30



1B0070



3A00F0

Inverse Universe

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



5F4258



7A4D6F



4A5F42



302C2F



700055



F000B6

Previews

White Background



This preview shows how the Hex color 49425F looks on a white background.

Color Contrast Check

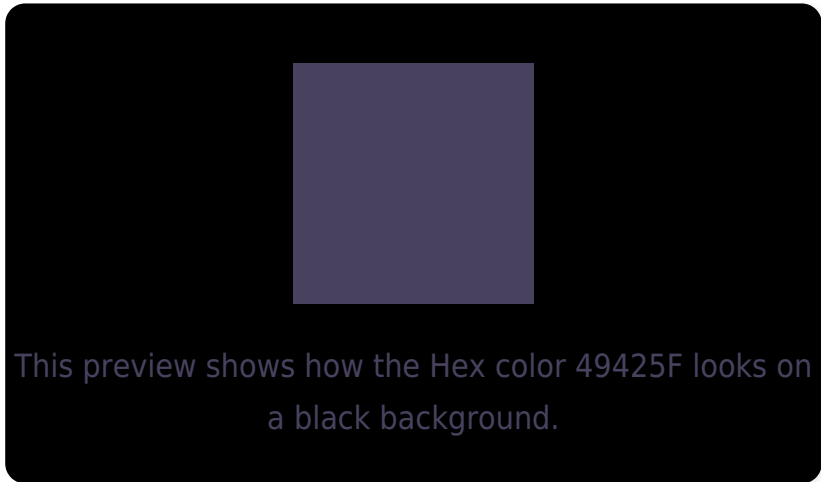
Large Text (above 18pt) WCAG AA ✓ Pass

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

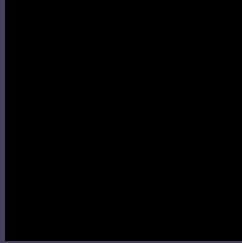
Any Text WCAG AA × Fail

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 49425F Background



This preview shows how black text looks on a background with the Hex color 49425F.



This preview shows how white text looks on a background with the Hex color 49425F.

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
49425F

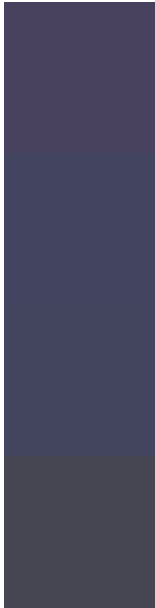
Protanopia
3E4561

Deuteranopia
3F455E



Tritanopia
45464B

Trichromacy



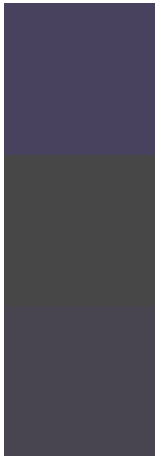
Original Color
49425F

Protanomaly
424460

Deuteranomaly
43445E

Tritanomaly
464552

Monochromacy



Original Color
49425F

Achromatopsia
474747

Achromatomaly
484550

CSS Examples

Text

The CSS property to change the color of the text to Hex 49425F 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 #49425F looks like.

```
.text, #text, p{  
    color:#49425F  
}
```

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 #49425F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49425F
}
```

Border

The CSS property to change the border of an element to Hex 49425F 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
#49425F }
```

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

```
.border{ border-color:#49425F }
```

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

Here you see how a box with a 4 pixel #49425F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49425F; -webkit-box-shadow:4px 4px  
4px 4px #49425F; box-shadow:4px 4px 4px  
4px #49425F }
```

Background

The CSS property to change the background color of an element to Hex 49425F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49425F }
```

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

```
.background{ background-color:#49425F }
```

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