

Converting Colors

Hex(47425E)

Have a look what the booklet for
Hex(47425E) contains.

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Color

Hex(47425E)

Conversions

Conversions Part 1

Format	Color
Hex	47425E
RGB	71, 66, 94
RGB Percent	28%, 26%, 37%
CMY	0.7216, 0.7412, 0.6314
CMYK	0.24, 0.30, 0.00, 0.63
HSL	251°, 18%, 31%
HSV	251°, 30%, 37%
XYZ	6.5671, 6.0442, 11.4102
YIQ	70.6870, -6.0080, 9.7680

Conversions

Conversions Part 2

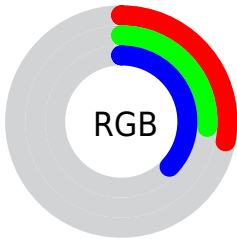
Format	Color
R_{YB}	71, 66, 94
Decimal	4670046
CIE Lab	29.52, 8.95, -15.80
CIE LCh	30, 18.160, 299.520
Yxy	6.0442, 0.2734, 0.2516
Android (android.graphics.Color)	4282860126 (0xFF47425E)
YUV	70.6870, 11.4933, 0.2745
Hunter-Lab	24.5849, 4.6574, -10.3079

Details

The Hex color **47425E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **595E42**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **787290**, and **1A1730** is the 20% darker color. If you saturate the color by 10%, you get **3F395E**, and if you desaturate by 10%, it is **4F4B5E**.

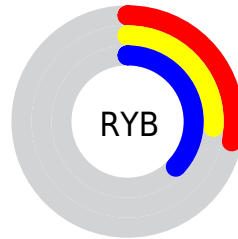
Distribution



Red (28%)

Green (26%)

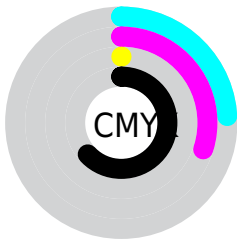
Blue (37%)



Red (28%)

Yellow (26%)

Blue (37%)

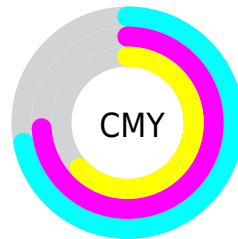


Cyan (24%)

Magenta (30%)

Yellow (0%)

Black (63%)



Cyan (72%)

Magenta (74%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47425E 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 47425E by changing the saturation by 10% instead.



47425E



47425E

FFFFFF



302C46



787290



1A1730



928BAB



01001B



ACA6C6



000000



C8C1E2



E4DDFF



FFF9FF



47425E



47425E



3F395E



4F4B5E

■ 382F5E

■ 56555E

■ 30265E

■ 5E5E5E

■ 281C5E

■ 66685E

■ 20135E

■ 6E715E

■ 190A5E

■ 757A5E

■ 11005E

■ 7D845E

■ 858D5E

■ 8C975E

Harmonies

Analogous

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



324761



47425E



573D54

Triad

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



47425E



5B402E



1F4D45

Complementary

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



47425E



595E42

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.



304C37



47425E



4F4529

Square

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



47425E



613C38



41492D



134D53

Rectangle

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



47425E



5E3B4B



41492D



254D40

Sweetspot

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



47425E



716F7A



42595E



38363D



BDBDBD



3D3D3D

Same Dimension

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



47425E



564E7A



55425E



2A292E



14006E



2A00ED

Inverse Universe

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



5E4259



7A4E73



4B5E42



2E292D



6E005A



ED00C3

Previews

White Background



This preview shows how the Hex color 47425E looks on a white background.

Color Contrast Check

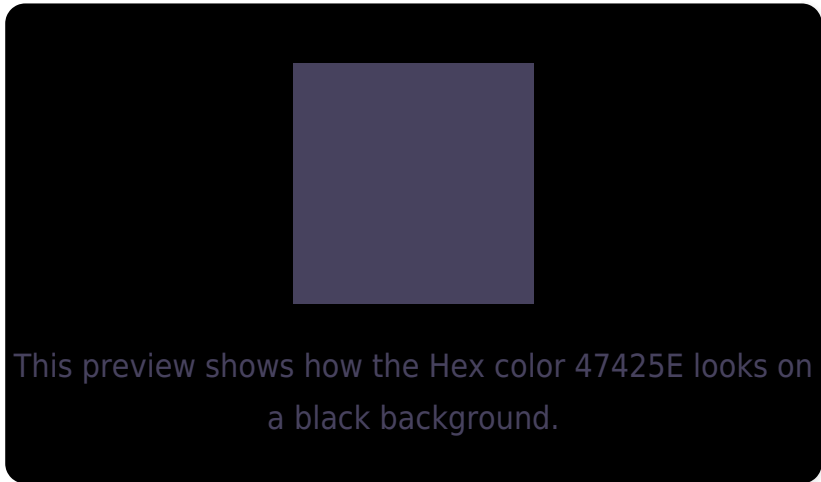
Large Text (above 18pt) WCAG AA ✓ Pass

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

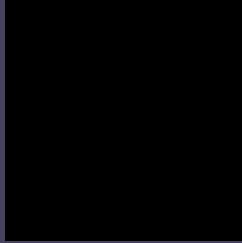
Any Text WCAG AA × Fail

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 47425E Background



This preview shows how black text looks on a background with the Hex color 47425E.

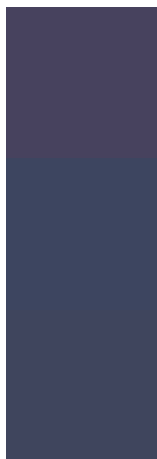


This preview shows how white text looks on a background with the Hex color 47425E.

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
47425E

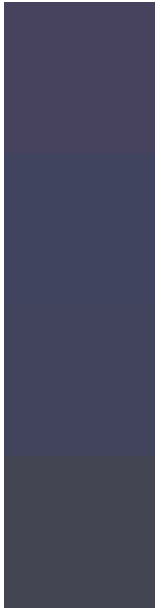
Protanopia
3D4560

Deuteranopia
3F455D



Tritanopia
43464B

Trichromacy



Original Color
47425E

Protanomaly
41445F

Deuteranomaly
42445D

Tritanomaly
444552

Monochromacy



Original Color
47425E

Achromatopsia
474747

Achromatomaly
47454F

CSS Examples

Text

The CSS property to change the color of the text to Hex 47425E 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 #47425E looks like.

```
.text, #text, p{  
    color:#47425E  
}
```

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 #47425E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47425E
}
```

Border

The CSS property to change the border of an element to Hex 47425E is called "border". The border property can be set on classes, ids or directly on the HTML element.

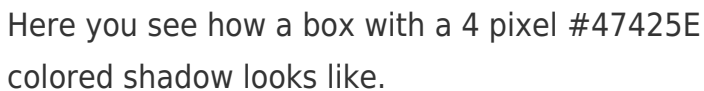
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47425E }
```

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

```
.border{ border-color:#47425E }
```

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



Here you see how a box with a 4 pixel #47425E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47425E; -webkit-box-shadow:4px 4px  
4px 4px #47425E; box-shadow:4px 4px 4px  
4px #47425E }
```

Background

The CSS property to change the background color of an element to Hex 47425E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47425E }
```

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

```
.background{ background-color:#47425E }
```

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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