

Converting Colors

Hex(47485B)

Have a look what the booklet for
Hex(47485B) contains.

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Color

Hex(47485B)

Conversions

Conversions Part 1

Format	Color
Hex	47485B
RGB	71, 72, 91
RGB Percent	28%, 28%, 36%
CMY	0.7216, 0.7176, 0.6431
CMYK	0.22, 0.21, 0.00, 0.64
HSL	237°, 12%, 32%
HSV	237°, 22%, 36%
XYZ	6.8042, 6.7297, 10.8379
YIQ	73.8670, -6.6950, 5.6970

Conversions

Conversions Part 2

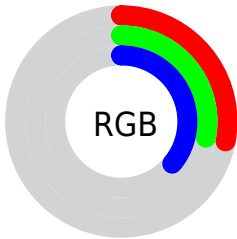
Format	Color
R_{YB}	71, 72, 91
Decimal	4671579
CIE _{Lab}	31.18, 4.23, -11.34
CIE _{LCh}	31, 12.102, 290.479
Yxy	6.7297, 0.2792, 0.2761
Android (android.graphics.Color)	4282861659 (0xFF47485B)
YUV	73.8670, 8.4466, -2.5144
Hunter-Lab	25.9416, 1.4211, -6.6110

Details

The Hex color **47485B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5B5A47**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **78788D**, and **1B1D2D** is the 20% darker color. If you saturate the color by 10%, you get **3E3F5B**, and if you desaturate by 10%, it is **50515B**.

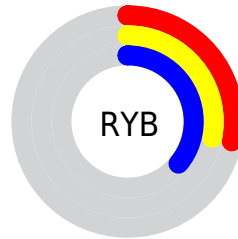
Distribution



Red (28%)

Green (28%)

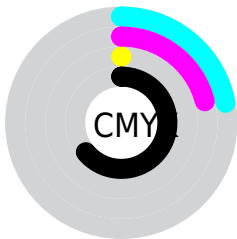
Blue (36%)



Red (28%)

Yellow (28%)

Blue (36%)

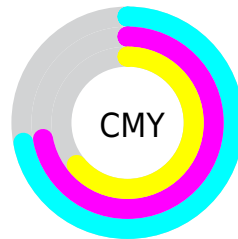


Cyan (22%)

Magenta (21%)

Yellow (0%)

Black (64%)



Cyan (72%)

Magenta (72%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47485B 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 47485B by changing the saturation by 10% instead.



47485B



47485B

FFFFFF



303243



78788D



1B1D2D



9192A8



020219



ACADC3



000000



C7C8DF



E4E4FB



47485B



47485B



3E3F5B



50515B



35375B



59595B

■ 2C2E5B

■ 62625B

■ 23255B

■ 6B6B5B

■ 191D5B

■ 75735B

■ 10145B

■ 7E7C5B

■ 070B5B

■ 87855B

■ 00055B

■ 908D5B

■ 99965B

Harmonies

Analogous

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



3A4B5C



47485B



534555

Triad

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



47485B



5A453B



354F46

Complementary

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



47485B



5B5A47

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.



3F4D3D



47485B



534837

Square

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



47485B



5D4343



4A4B38



2F4F50

Rectangle

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



47485B



584350



4A4B38



384E43

Sweetspot

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



47485B



6D6D75



475B5A



36363B



BABABA



3B3B3B

Same Dimension

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



47485B



575875



50475B



292A2E



00056E



000CED

Inverse Universe

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



5B4748



755758



525B47



2E292A



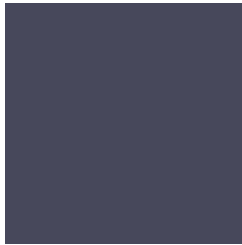
6E0005



ED000C

Previews

White Background



This preview shows how the Hex color 47485B looks on a white background.

Color Contrast Check

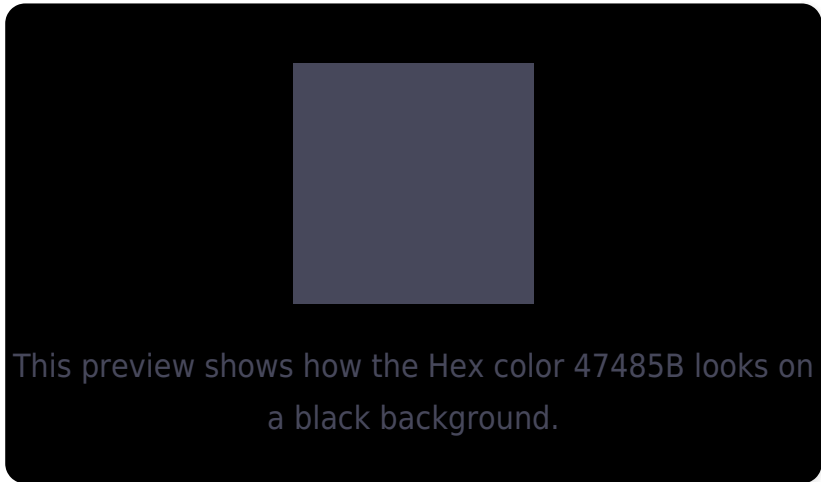
Large Text (above 18pt) WCAG AA ✓ Pass

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

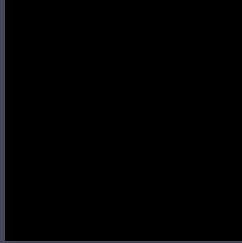
Any Text WCAG AA × Fail

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 47485B Background



This preview shows how black text looks on a background with the Hex color 47485B.

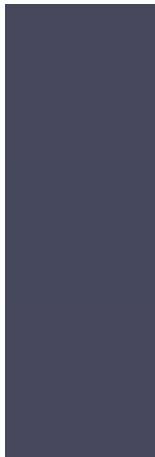


This preview shows how white text looks on a background with the Hex color 47485B.

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](#).

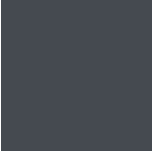
Dichromacy



Original Color
47485B

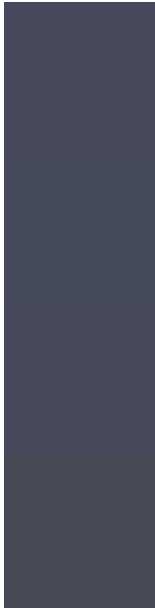
Protanopia
45495B

Deuteranopia
47485B



Tritanopia
454A50

Trichromacy



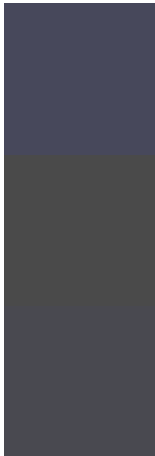
Original Color
47485B

Protanomaly
46495B

Deuteranomaly
47485B

Tritanomaly
464954

Monochromacy



Original Color
47485B

Achromatopsia
4A4A4A

Achromatomaly
494950

CSS Examples

Text

The CSS property to change the color of the text to Hex 47485B 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 #47485B looks like.

```
.text, #text, p{  
    color:#47485B  
}
```

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 #47485B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47485B  
}
```

Border

The CSS property to change the border of an element to Hex 47485B is called "border". The border property can be set on classes, ids or directly on the HTML element.

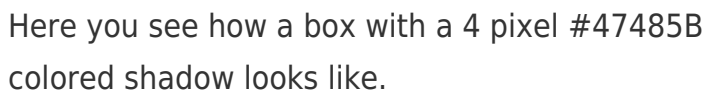
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#47485B }
```

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

```
.border{ border-color:#47485B }
```

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



Here you see how a box with a 4 pixel #47485B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47485B; -webkit-box-shadow:4px 4px  
4px 4px #47485B; box-shadow:4px 4px 4px  
4px #47485B }
```

Background

The CSS property to change the background color of an element to Hex 47485B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47485B }
```

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

```
.background{ background-color:#47485B }
```

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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