

Converting Colors

Hex(45485A)

Have a look what the booklet for
Hex(45485A) contains.

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Color

Hex(45485A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 45485A |
| RGB | 69, 72, 90 |
| RGB Percent | 27%, 28%, 35% |
| CMY | 0.7294, 0.7176, 0.6471 |
| CMYK | 0.23, 0.20, 0.00, 0.65 |
| HSL | 231°, 13%, 31% |
| HSV | 231°, 23%, 35% |
| XYZ | 6.6171, 6.6381, 10.6054 |
| YIQ | 73.1550, -7.5660, 4.9620 |

Conversions

Conversions Part 2

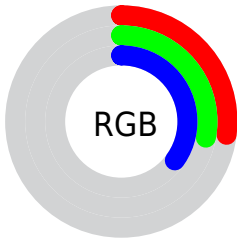
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 69, 72, 90 |
| Decimal | 4540506 |
| CIELab | 30.97, 3.24, -11.04 |
| CIELCh | 31, 11.506, 286.352 |
| Yxy | 6.6381, 0.2773, 0.2782 |
| Android (android.graphics.Color) | 4282730586 (0xFF45485A) |
| YUV | 73.1550, 8.3046, -3.6439 |
| Hunter-Lab | 25.7646, 0.7559, -6.3702 |

Details

The Hex color **45485A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5A5745**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **76788C**, and **191D2C** is the 20% darker color. If you saturate the color by 10%, you get **3C405A**, and if you desaturate by 10%, it is **4E505A**.

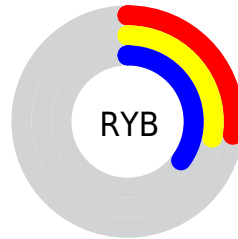
Distribution



Red (27%)

Green (28%)

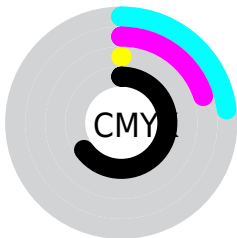
Blue (35%)



Red (27%)

Yellow (28%)

Blue (35%)

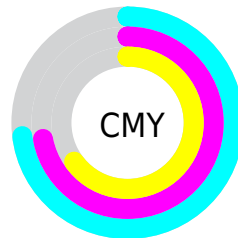


Cyan (23%)

Magenta (20%)

Yellow (0%)

Black (65%)



Cyan (73%)

Magenta (72%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45485A 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 45485A by changing the saturation by 10% instead.

■ 45485A

■ 45485A

FFFFFF

■ 2E3243

■ 76788C

■ 191D2C

■ 8F92A6

■ 000218

■ AAADC2

■ 000000

■ C5C8DE

■ E1E4FA

FEFFFF

■ 45485A

■ 45485A

■ 3C405A

■ 4E505A

■ 33395A

■ 57575A

■ 2A315A

■ 605F5A

■ 21295A

■ 69675A

■ 18215A

■ 726F5A

■ 0F1A5A

■ 7B765A

■ 06125A

■ 847E5A

■ 000D5A

■ 8D865A

■ 968D5A

Harmonies

Analogous

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



394B5A



45485A



504555

Triad

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



45485A



5A443C



374E44

Complementary

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



45485A



5A5745

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.



404C3C



45485A



544738

Square

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



45485A



5C4344



4B4A38



314E4E

Rectangle

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



45485A



564350



4B4A38



3A4D41

Sweetspot

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



45485A



6D6E75



455A57



36373B



BABABA



3B3B3B

Same Dimension

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



45485A



545975



4C455A



292A2E



00106E



0022ED

Inverse Universe

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



5A4548



755459



535A45



2E292A



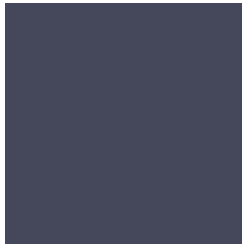
6E0010



ED0022

Previews

White Background



This preview shows how the Hex color 45485A looks on a white background.

Color Contrast Check

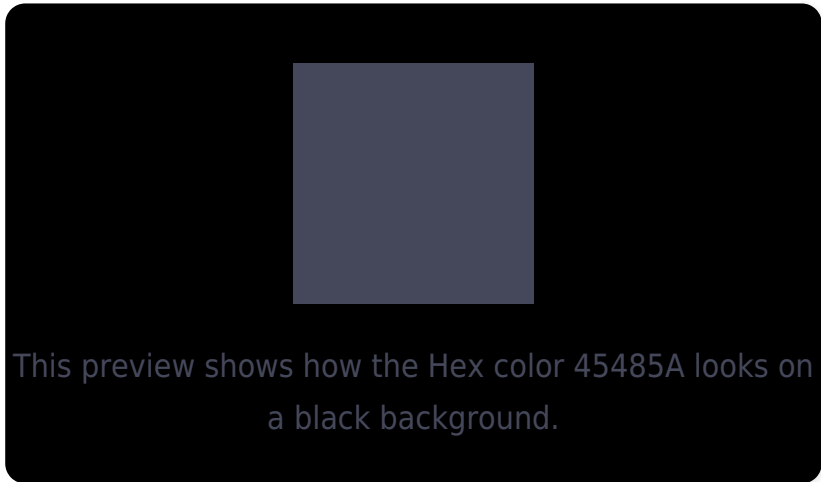
Large Text (above 18pt) WCAG AA ✓ Pass

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

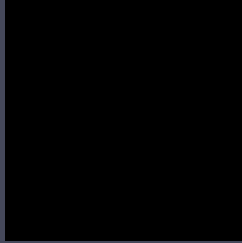
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

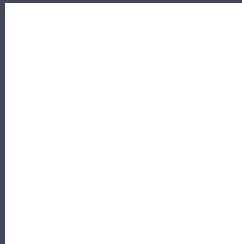
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 45485A Background



This preview shows how black text looks on a background with the Hex color 45485A.

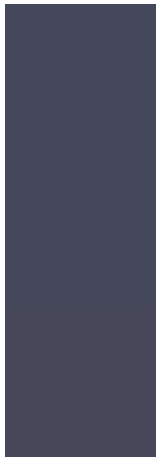


This preview shows how white text looks on a background with the Hex color 45485A.

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
45485A

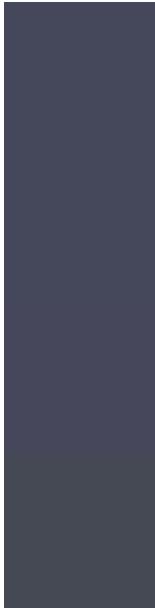
Protanopia
45485A

Deuteranopia
47475A



Tritanopia
434A50

Trichromacy



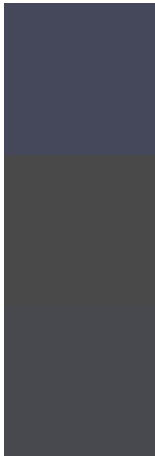
Original Color
45485A

Protanomaly
45485A

Deuteranomaly
46475A

Tritanomaly
444954

Monochromacy



Original Color
45485A

Achromatopsia
494949

Achromatomaly
48494F

CSS Examples

Text

The CSS property to change the color of the text to Hex 45485A 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 #45485A looks like.

```
.text, #text, p{  
    color:#45485A  
}
```

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 #45485A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45485A
}
```

Border

The CSS property to change the border of an element to Hex 45485A is called "border". The border property can be set on classes, ids or directly on the HTML element.

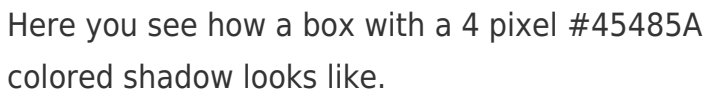
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#45485A }
```

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

```
.border{ border-color:#45485A }
```

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



Here you see how a box with a 4 pixel #45485A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45485A; -webkit-box-shadow:4px 4px  
4px 4px #45485A; box-shadow:4px 4px 4px  
4px #45485A }
```

Background

The CSS property to change the background color of an element to Hex 45485A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45485A }
```

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

```
.background{ background-color:#45485A }
```

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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