

Converting Colors

Hex(45485E)

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

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Color

Hex(45485E)

Conversions

Conversions Part 1

Format	Color
Hex	45485E
RGB	69, 72, 94
RGB Percent	27%, 28%, 37%
CMY	0.7294, 0.7176, 0.6314
CMYK	0.27, 0.23, 0.00, 0.63
HSL	233°, 15%, 32%
HSV	233°, 27%, 37%
XYZ	6.7920, 6.7081, 11.5265
YIQ	73.6110, -8.8500, 6.2060

Conversions

Conversions Part 2

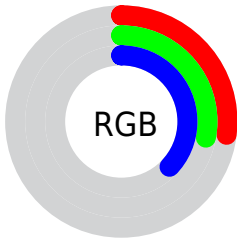
Format	Color
RYB	69, 72, 94
Decimal	4540510
CIELab	31.13, 4.33, -13.35
CIELCh	31, 14.031, 287.963
Yxy	6.7081, 0.2714, 0.2680
Android (android.graphics.Color)	4282730590 (0xFF45485E)
YUV	73.6110, 10.0518, -4.0438
Hunter-Lab	25.9000, 1.4847, -8.2563

Details

The Hex color **45485E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5E5B45**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **767890**, and **191D30** is the 20% darker color. If you saturate the color by 10%, you get **3C405E**, and if you desaturate by 10%, it is **4E505E**.

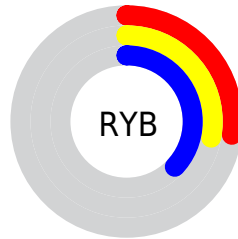
Distribution



Red (27%)

Green (28%)

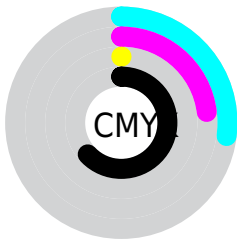
Blue (37%)



Red (27%)

Yellow (28%)

Blue (37%)

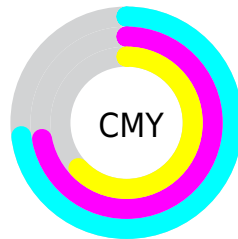


Cyan (27%)

Magenta (23%)

Yellow (0%)

Black (63%)



Cyan (73%)

Magenta (72%)

Yellow (63%)

Brightness & Saturation Gradients

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

■ 45485E

■ 45485E

FFFFFF

■ 2E3246

■ 767890

■ 191D30

■ 8F92AB

■ 00021B

■ AAADC6

■ 000000

■ C5C8E2

■ E2E4FF

FEFFFF

■ 45485E

■ 45485E

■ 3C405E

■ 4E505E

■ 32375E

■ 58595E

■ 292F5E

■ 61615E

■ 1F275E

■ 6B695E

■ 161F5E

■ 74715E

■ 0D165E

■ 7D7A5E

■ 030E5E

■ 87825E

■ 000B5E

■ 908A5E

■ 9A925E

Harmonies

Analogous

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



364C5E



45485E



534458

Triad

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



45485E



5D4439



324F44

Complementary

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



45485E



5E5B45

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.



3E4D3A



45485E



554734

Square

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



45485E



604143



4A4B34



2A4F50

Rectangle

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



45485E



5A4252



4A4B34



364F41

Sweetspot

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



45485E



71727A



455E5B



37383D



BDBDBD



3D3D3D

Same Dimension

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



45485E



53587A



4E455E



292A2E



000D6E



001CED

Inverse Universe

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



5E4548



7A5358



555E45



2E292A



6E000D



ED001C

Previews

White Background



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

Color Contrast Check

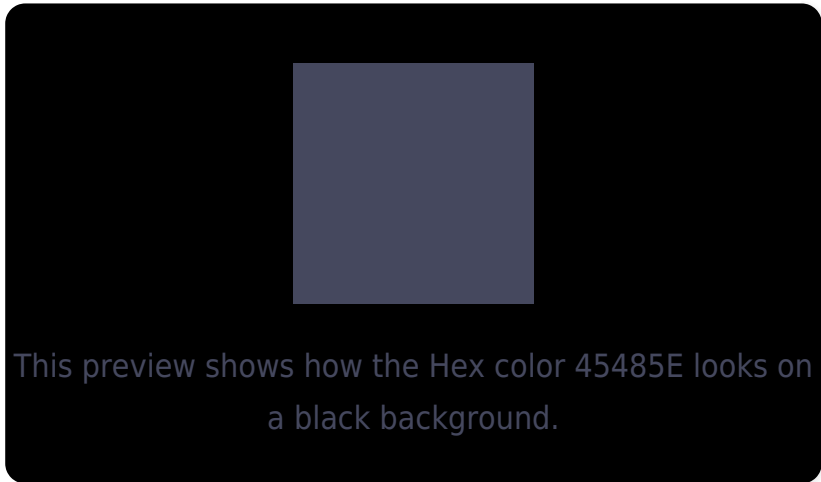
Large Text (above 18pt) WCAG AA ✓ Pass

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

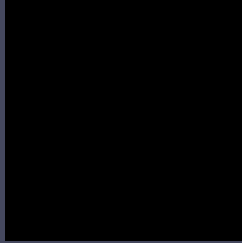
Any Text WCAG AA × Fail

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 45485E Background



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

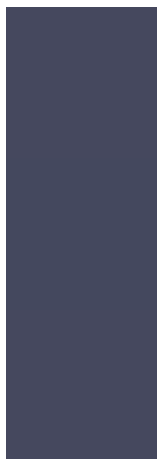


This preview shows how white text looks on a background with the Hex color 45485E.

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](#).

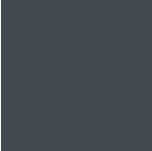
Dichromacy



Original Color
45485E

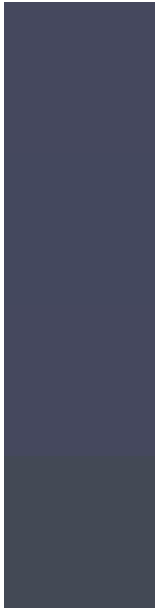
Protanopia
44485E

Deuteranopia
45485E



Tritanopia
424A50

Trichromacy



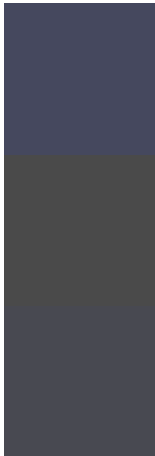
Original Color
45485E

Protanomaly
44485E

Deuteranomaly
45485E

Tritanomaly
434955

Monochromacy



Original Color
45485E

Achromatopsia
4A4A4A

Achromatomaly
484951

CSS Examples

Text

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

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

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 #45485E colored shadow looks like.

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

Border

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

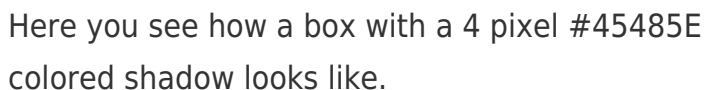
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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