

Converting Colors

Hex(46485A)

Have a look what the booklet for
Hex(46485A) contains.

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Color

Hex(46485A)

Conversions

Conversions Part 1

Format	Color
Hex	46485A
RGB	70, 72, 90
RGB Percent	27%, 28%, 35%
CMY	0.7255, 0.7176, 0.6471
CMYK	0.22, 0.20, 0.00, 0.65
HSL	234°, 12%, 31%
HSV	234°, 22%, 35%
XYZ	6.6886, 6.6750, 10.6087
YIQ	73.4540, -6.9700, 5.1740

Conversions

Conversions Part 2

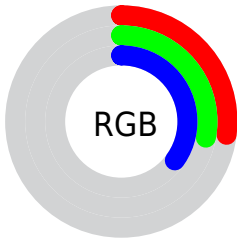
Format	Color
R_{YB}	70, 72, 90
Decimal	4606042
CIE Lab	31.06, 3.60, -10.90
CIE LCh	31, 11.481, 288.294
Yxy	6.6750, 0.2790, 0.2784
Android (android.graphics.Color)	4282796122 (0xFF46485A)
YUV	73.4540, 8.1572, -3.0292
Hunter-Lab	25.8360, 0.9983, -6.2603

Details

The Hex color **46485A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5A5846**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **77788C**, and **1A1D2C** is the 20% darker color. If you saturate the color by 10%, you get **3D405A**, and if you desaturate by 10%, it is **4F505A**.

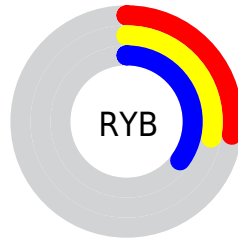
Distribution



Red (27%)

Green (28%)

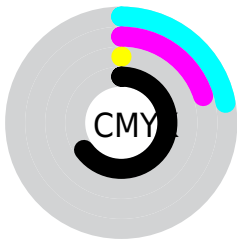
Blue (35%)



Red (27%)

Yellow (28%)

Blue (35%)

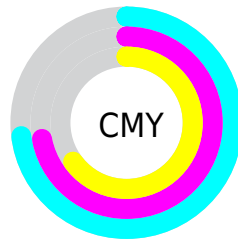


Cyan (22%)

Magenta (20%)

Yellow (0%)

Black (65%)



Cyan (73%)

Magenta (72%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46485A 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 46485A by changing the saturation by 10% instead.

■ 46485A

■ 46485A

FFFFFF

■ 2F3243

■ 77788C

■ 1A1D2C

■ 9092A6

■ 010218

■ ABADC2

■ 000000

■ C6C8DE

■ E2E4FA

■ 46485A

■ 46485A

■ 3D405A

■ 4F505A

■ 34385A

■ 58585A

■ 2B305A

■ 61605A

■ 22285A

■ 6A685A

■ 191F5A

■ 73715A

■ 10175A

■ 7C795A

■ 070F5A

■ 85815A

■ 00095A

■ 8E895A

■ 97915A

Harmonies

Analogous

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



3A4B5A



46485A



514555

Triad

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



46485A



5A453C



364E45

Complementary

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



46485A



5A5846

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.



404D3D



46485A



534738

Square

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



46485A



5C4344



4A4A38



314E4E

Rectangle

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



46485A



574450



4A4A38



394E42

Sweetspot

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



46485A



6D6E75



465A58



36363B



BABABA



3B3B3B

Same Dimension

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



46485A



565975



4E465A



292A2E



000B6E



0018ED

Inverse Universe

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



5A4648



755659



525A46



2E292A



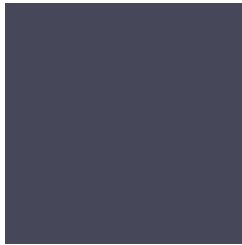
6E000B



ED0018

Previews

White Background



This preview shows how the Hex color 46485A looks on a white background.

Color Contrast Check

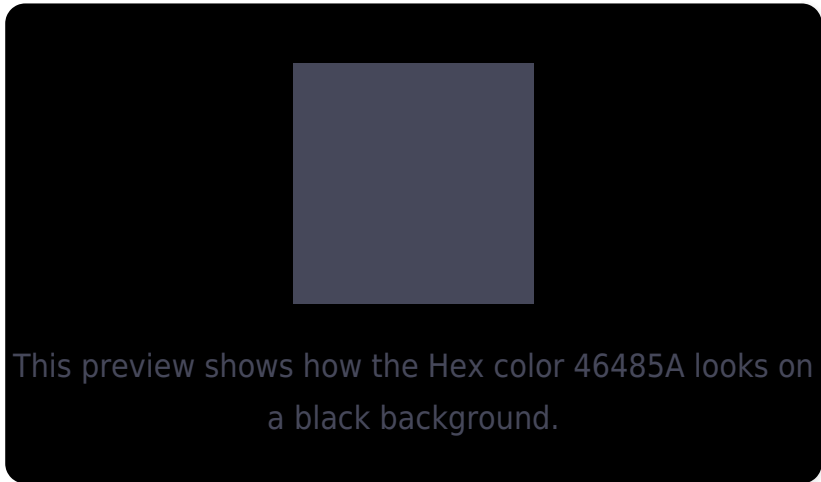
Large Text (above 18pt) WCAG AA ✓ Pass

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

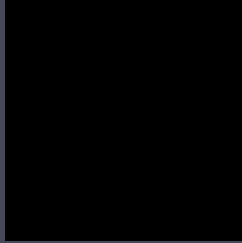
Any Text WCAG AA × Fail

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 46485A Background



This preview shows how black text looks on a background with the Hex color 46485A.



This preview shows how white text looks on a background with the Hex color 46485A.

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
46485A

Protanopia
45485A

Deuteranopia
47485A



Tritanopia
444A50

Trichromacy



Original Color

46485A

Protanomaly

45485A

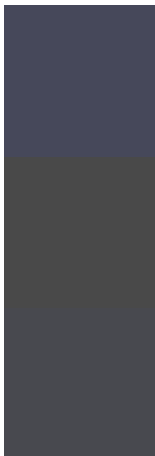
Deuteranomaly

47485A

Tritanomaly

454954

Monochromacy



Original Color

46485A

Achromatopsia

494949

Achromatomaly

48494F

CSS Examples

Text

The CSS property to change the color of the text to Hex 46485A 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 #46485A looks like.

```
.text, #text, p{  
    color:#46485A  
}
```

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 #46485A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46485A
}
```

Border

The CSS property to change the border of an element to Hex 46485A is called "border". The border property can be set on classes, ids or directly on the HTML element.

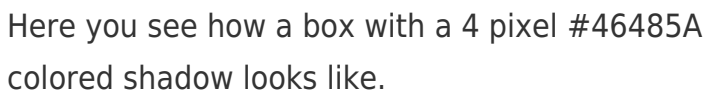
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#46485A }
```

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

```
.border{ border-color:#46485A }
```

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



Here you see how a box with a 4 pixel #46485A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46485A; -webkit-box-shadow:4px 4px  
4px 4px #46485A; box-shadow:4px 4px 4px  
4px #46485A }
```

Background

The CSS property to change the background color of an element to Hex 46485A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46485A }
```

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

```
.background{ background-color:#46485A }
```

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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