

Converting Colors

Hex(48485D)

Have a look what the booklet for
Hex(48485D) contains.

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Color

Hex(48485D)

Conversions

Conversions Part 1

Format	Color
Hex	48485D
RGB	72, 72, 93
RGB Percent	28%, 28%, 36%
CMY	0.7176, 0.7176, 0.6353
CMYK	0.23, 0.23, 0.00, 0.64
HSL	240°, 13%, 32%
HSV	240°, 23%, 36%
XYZ	6.9656, 6.8028, 11.3019
YIQ	74.3940, -6.7410, 6.5310

Conversions

Conversions Part 2

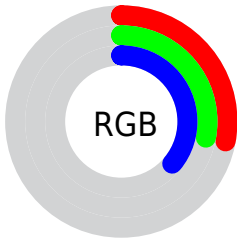
Format	Color
R_{YB}	72, 72, 93
Decimal	4737117
CIE Lab	31.35, 5.13, -12.35
CIE LCh	31, 13.371, 292.557
Yxy	6.8028, 0.2778, 0.2713
Android (android.graphics.Color)	4282927197 (0xFF48485D)
YUV	74.3940, 9.1728, -2.0995
Hunter-Lab	26.0821, 2.0276, -7.4340

Details

The Hex color **48485D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5D5D48**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **79788F**, and **1C1D2F** is the 20% darker color. If you saturate the color by 10%, you get **3F3F5D**, and if you desaturate by 10%, it is **51515D**.

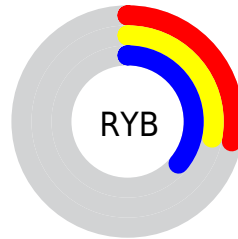
Distribution



Red (28%)

Green (28%)

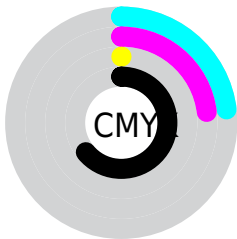
Blue (36%)



Red (28%)

Yellow (28%)

Blue (36%)

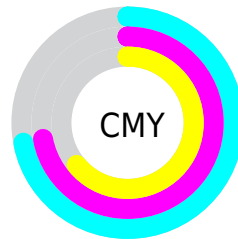


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (64%)



Cyan (72%)

Magenta (72%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48485D 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 48485D by changing the saturation by 10% instead.

■ 48485D

■ 48485D

FFFFFF

■ 313245

■ 79788F

■ 1C1D2F

■ 9392AA

■ 04021B

■ ADADC5

■ 000000

■ C9C8E1

■ E5E4FE

■ 48485D

■ 48485D

■ 3F3F5D

■ 51515D

■ 35355D

■ 5B5B5D

■ 2C2C5D

■ 64645D

■ 23235D

■ 6D6D5D

■ 19195D

■ 76765D

■ 10105D

■ 80805D

■ 07075D

■ 89895D

■ 00005D

■ 92925D

■ 9C9C5D

Harmonies

Analogous

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



3A4C5E



48485D



554557

Triad

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



48485D



5C453A



325047

Complementary

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



48485D



5D5D48

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.



3D4E3D



48485D



544835

Square

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



48485D



5F4342



494C36



2C5051

Rectangle

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



48485D



5B4350



494C36



364F43

Sweetspot

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



48485D



6F6F78



485D5D



38383D



BDBDBD



3D3D3D

Same Dimension

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



48485D



575778



52485D



29292E



00006E



0000ED

Inverse Universe

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



5D485D



785778



525D48



2E292E



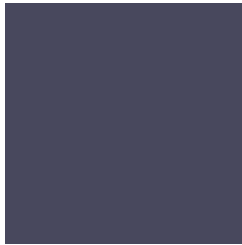
6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 48485D looks on a white background.

Color Contrast Check

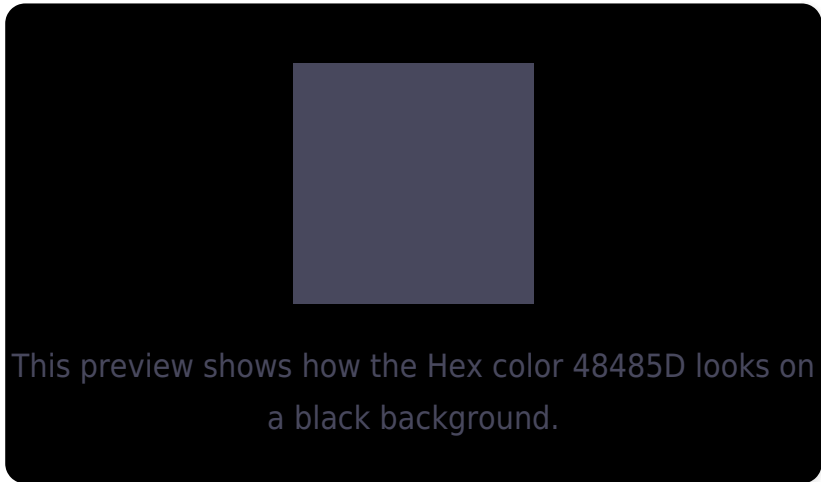
Large Text (above 18pt) WCAG AA ✓ Pass

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

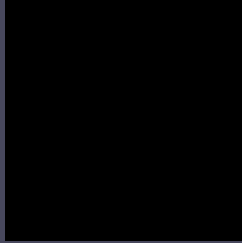
Any Text WCAG AA × Fail

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 48485D Background



This preview shows how black text looks on a background with the Hex color 48485D.

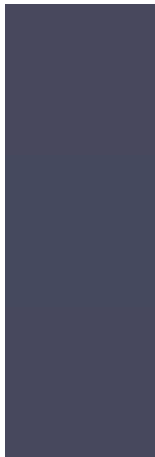


This preview shows how white text looks on a background with the Hex color 48485D.

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](#).

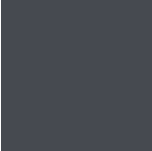
Dichromacy



Original Color
48485D

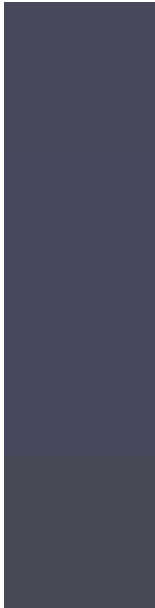
Protanopia
45495E

Deuteranopia
47485D



Tritanopia
464A50

Trichromacy



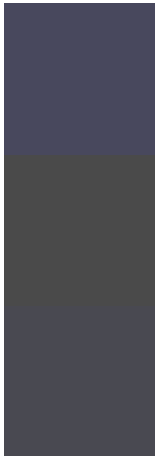
Original Color
48485D

Protanomaly
46495E

Deuteranomaly
47485D

Tritanomaly
474955

Monochromacy



Original Color
48485D

Achromatopsia
4A4A4A

Achromatomaly
494951

CSS Examples

Text

The CSS property to change the color of the text to Hex 48485D 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 #48485D looks like.

```
.text, #text, p{  
    color:#48485D  
}
```

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 #48485D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48485D
}
```

Border

The CSS property to change the border of an element to Hex 48485D is called "border". The border property can be set on classes, ids or directly on the HTML element.

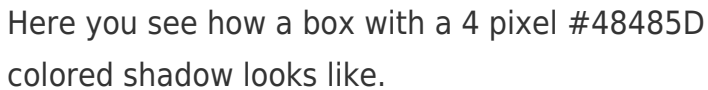
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48485D }
```

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

```
.border{ border-color:#48485D }
```

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



Here you see how a box with a 4 pixel #48485D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48485D; -webkit-box-shadow:4px 4px  
4px 4px #48485D; box-shadow:4px 4px 4px  
4px #48485D }
```

Background

The CSS property to change the background color of an element to Hex 48485D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48485D }
```

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

```
.background{ background-color:#48485D }
```

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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