

Converting Colors

Hex(41585E)

Have a look what the booklet for
Hex(41585E) contains.

Hex(41585E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(41585E)

Conversions

Conversions Part 1

Format	Color
Hex	41585E
RGB	65, 88, 94
RGB Percent	25%, 35%, 37%
CMY	0.7451, 0.6549, 0.6314
CMYK	0.31, 0.06, 0.00, 0.63
HSL	192°, 18%, 31%
HSV	192°, 31%, 37%
XYZ	7.6901, 8.9114, 11.9044
YIQ	81.8070, -15.6340, -3.0100

Conversions

Conversions Part 2

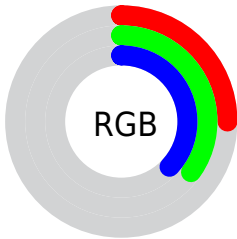
Format	Color
RYB	65, 78, 94
Decimal	4282462
CIELab	35.81, -7.08, -6.30
CIELCh	36, 9.476, 221.680
Yxy	8.9114, 0.2698, 0.3126
Android (android.graphics.Color)	4282472542 (0xFF41585E)
YUV	81.8070, 6.0111, -14.7397
Hunter-Lab	29.8520, -6.2582, -2.7474

Details

The Hex color **41585E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E4741**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **728A90**, and **142B30** is the 20% darker color. If you saturate the color by 10%, you get **38565E**, and if you desaturate by 10%, it is **4A5A5E**.

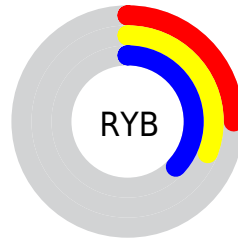
Distribution



Red (25%)

Green (35%)

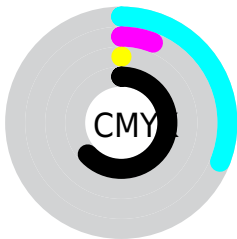
Blue (37%)



Red (25%)

Yellow (31%)

Blue (37%)

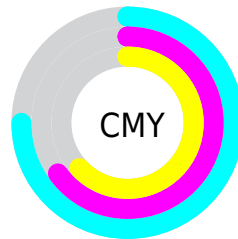


Cyan (31%)

Magenta (6%)

Yellow (0%)

Black (63%)



Cyan (75%)

Magenta (65%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41585E 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 41585E by changing the saturation by 10% instead.

■ 41585E

■ 41585E

FFFFFF

■ 2A4146

■ 728A90

■ 142B30

■ 8CA4AB

■ 00171B

■ A6BFC6

■ 000000

■ C1DBE2

■ DDF8FF

■ FAFFFF

■ 41585E

■ 41585E

■ 38565E

■ 4A5A5E

■ 2E545E

■ 545C5E

■ 25525E

■ 5D5E5E

■ 1B505E

■ 67605E

■ 124E5E

■ 70625E

■ 094C5E

■ 79645E

■ 004B5E

■ 83665E

■ 8C685E

■ 966A5E

Harmonies

Analogous

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



415957



41585E



475662

Triad

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



41585E



615059



575545

Complementary

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



41585E



5E4741

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.



5F5246



41585E



644F51

Square

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



41585E



595160



63504A



4E5749

Rectangle

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



41585E



4C5563



63504A



5A5445

Sweetspot

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



41585E



6F787A



415E47



363C3D



BDBDBD



3D3D3D

Same Dimension

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



41585E



4D717A



414A5E



292D2E



00576E



00BCED

Inverse Universe

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



5E4158



7A4D71



5E5541



2E292D



6E0057



ED00BC

Previews

White Background



This preview shows how the Hex color 41585E looks on a white background.

Color Contrast Check

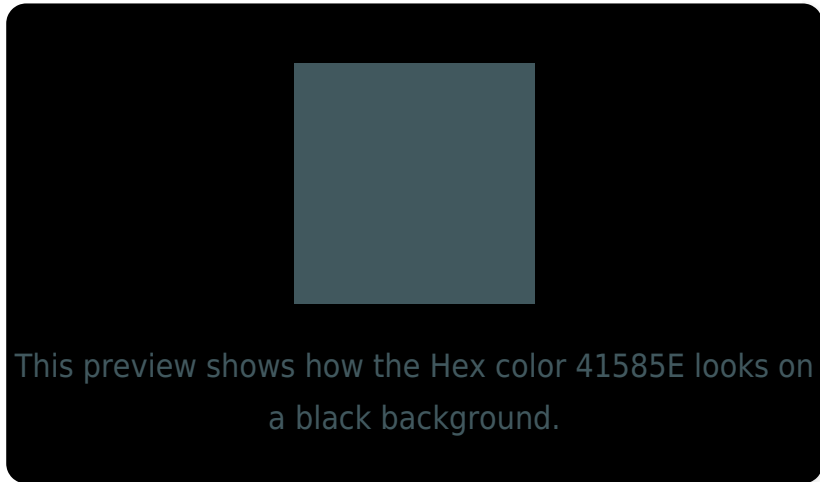
Large Text (above 18pt) WCAG AA ✓ Pass

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

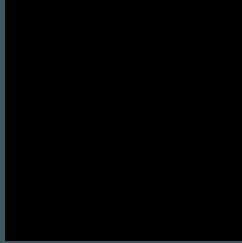
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

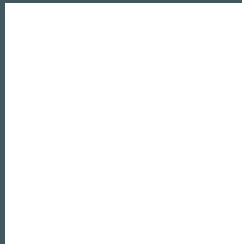
Any Text WCAG AAA × Fail

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

Hex 41585E Background



This preview shows how black text looks on a background with the Hex color 41585E.



This preview shows how white text looks on a background with the Hex color 41585E.

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
41585E

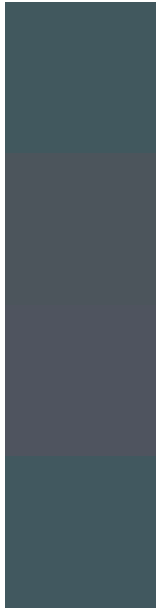
Protanopia
53535B

Deuteranopia
57525F



Tritanopia
41585F

Trichromacy



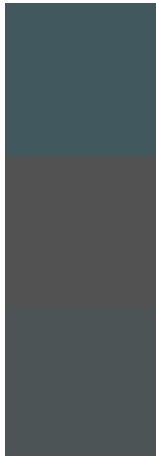
Original Color
41585E

Protanomaly
4C555C

Deuteranomaly
4F545F

Tritanomaly
41585F

Monochromacy



Original Color
41585E

Achromatopsia
525252

Achromatomaly
4C5456

CSS Examples

Text

The CSS property to change the color of the text to Hex 41585E 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 #41585E looks like.

```
.text, #text, p{  
    color:#41585E  
}
```

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 #41585E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41585E
}
```

Border

The CSS property to change the border of an element to Hex 41585E is called "border". The border property can be set on classes, ids or directly on the HTML element.

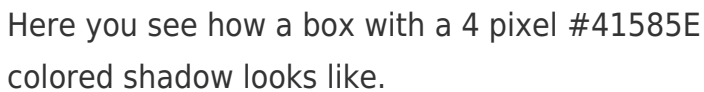
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#41585E }
```

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

```
.border{ border-color:#41585E }
```

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



Here you see how a box with a 4 pixel #41585E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41585E; -webkit-box-shadow:4px 4px  
4px 4px #41585E; box-shadow:4px 4px 4px  
4px #41585E }
```

Background

The CSS property to change the background color of an element to Hex 41585E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41585E }
```

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

```
.background{ background-color:#41585E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor