

Converting Colors

Hex(3C485E)

Have a look what the booklet for
Hex(3C485E) contains.

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Color

Hex(3C485E)

Conversions

Conversions Part 1

Format	Color
Hex	3C485E
RGB	60, 72, 94
RGB Percent	24%, 28%, 37%
CMY	0.7647, 0.7176, 0.6314
CMYK	0.36, 0.23, 0.00, 0.63
HSL	219°, 22%, 30%
HSV	219°, 36%, 37%
XYZ	6.2012, 6.4035, 11.4988
YIQ	70.9200, -14.2140, 4.2980

Conversions

Conversions Part 2

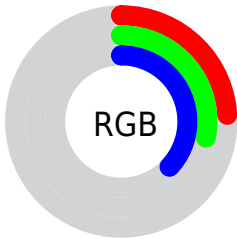
Format	Color
RYB	60, 69, 94
Decimal	3950686
CIELab	30.41, 1.25, -14.52
CIELCh	30, 14.574, 274.922
Yxy	6.4035, 0.2573, 0.2657
Android (android.graphics.Color)	4282140766 (0xFF3C485E)
YUV	70.9200, 11.3784, -9.5768
Hunter-Lab	25.3052, -0.5414, -9.2281

Details

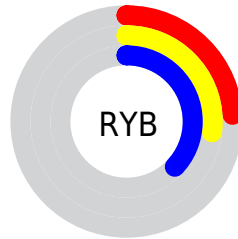
The Hex color **3C485E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5E523C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6C7890**, and **0F1D30** is the 20% darker color. If you saturate the color by 10%, you get **33425E**, and if you desaturate by 10%, it is **454E5E**.

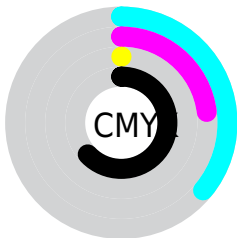
Distribution



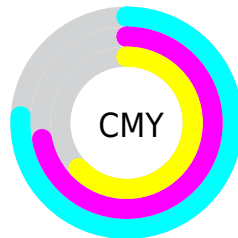
- Red (24%)
- Green (28%)
- Blue (37%)



- Red (24%)
- Yellow (27%)
- Blue (37%)



- Cyan (36%)
- Magenta (23%)
- Yellow (0%)
- Black (63%)



- Cyan (76%)
- Magenta (72%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C485E 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 3C485E by changing the saturation by 10% instead.

■ 3C485E

■ 3C485E

FFFFFF

■ 253246

■ 6C7890

■ 0F1D30

■ 8692AB

■ 00021B

■ A1ADC6

■ 000000

■ BCC8E2

■ D8E4FF

■ F4FFFF

■ 3C485E

■ 3C485E

■ 33425E

■ 454E5E

■ 293C5E

■ 4F545E

■ 20365E

■ 585A5E

■ 16305E

■ 62605E

■ 0D2A5E

■ 6B665E

■ 04245E

■ 746C5E

■ 00215E

■ 7E735E

■ 87795E

■ 917F5E

Harmonies

Analogous

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



2D4B5C



3C485E



4C445A

Triad

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



3C485E



5E403B



344D3E

Complementary

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



3C485E



5E523C

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.



424B35



3C485E



584433

Square

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



3C485E



5E3F46



4E4731



294E49

Rectangle

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



3C485E



544255



4E4731



394C3A

Sweetspot

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



3C485E



6D727A



3C5E52



35383D



BDBDBD



3D3D3D

Same Dimension

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



3C485E



46587A



413C5E



292B2E



00276E



0054ED

Inverse Universe

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



5E3C48



7A4658



595E3C



2E292B



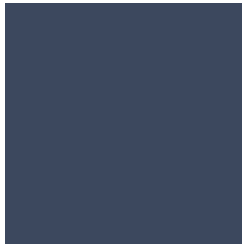
6E0027



ED0054

Previews

White Background



This preview shows how the Hex color 3C485E looks on a white background.

Color Contrast Check

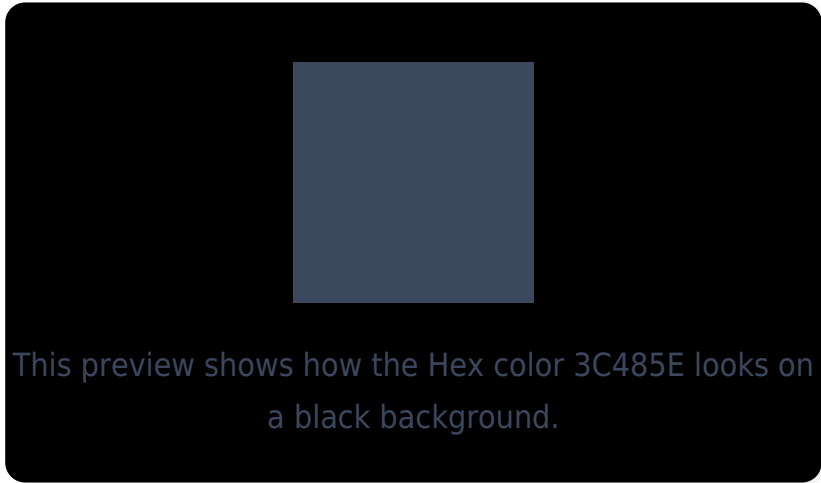
Large Text (above 18pt) WCAG AA ✓ Pass

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

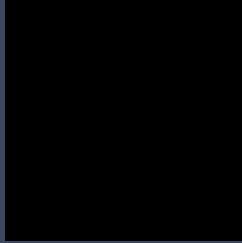
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

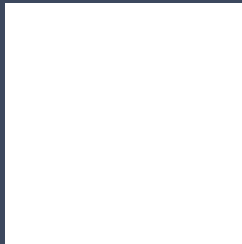
Any Text WCAG AAA × Fail

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

Hex 3C485E Background



This preview shows how black text looks on a background with the Hex color 3C485E.

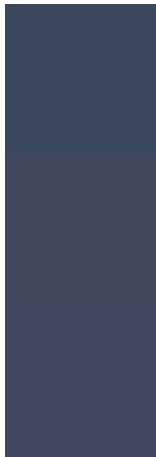


This preview shows how white text looks on a background with the Hex color 3C485E.

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](#).

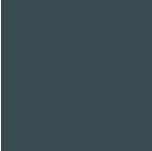
Dichromacy



Original Color
3C485E

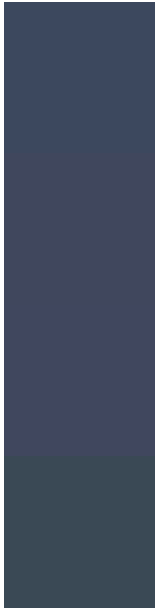
Protanopia
42475D

Deuteranopia
42465E



Tritanopia
394A50

Trichromacy



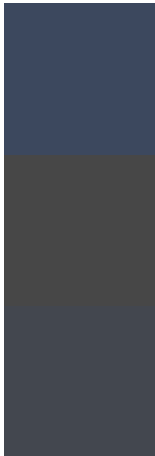
Original Color
3C485E

Protanomaly
40475D

Deuteranomaly
40475E

Tritanomaly
3A4955

Monochromacy



Original Color
3C485E

Achromatopsia
474747

Achromatomaly
43474F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C485E 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 #3C485E looks like.

```
.text, #text, p{  
    color:#3C485E  
}
```

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 #3C485E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C485E
}
```

Border

The CSS property to change the border of an element to Hex 3C485E is called "border". The border property can be set on classes, ids or directly on the HTML element.

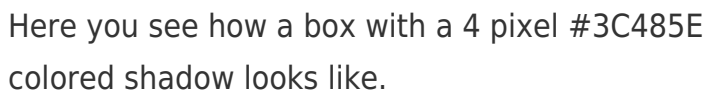
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C485E }
```

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

```
.border{ border-color:#3C485E }
```

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



Here you see how a box with a 4 pixel #3C485E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C485E; -webkit-box-shadow:4px 4px  
4px 4px #3C485E; box-shadow:4px 4px 4px  
4px #3C485E }
```

Background

The CSS property to change the background color of an element to Hex 3C485E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C485E }
```

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

```
.background{ background-color:#3C485E }
```

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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