

Converting Colors

Hex(3C535E)

Have a look what the booklet for
Hex(3C535E) contains.

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Color

Hex(3C535E)

Conversions

Conversions Part 1

Format	Color
Hex	3C535E
RGB	60, 83, 94
RGB Percent	24%, 33%, 37%
CMY	0.7647, 0.6745, 0.6314
CMYK	0.36, 0.12, 0.00, 0.63
HSL	199°, 22%, 30%
HSV	199°, 36%, 37%
XYZ	6.9771, 7.9553, 11.7575
YIQ	77.3770, -17.2390, -1.4550

Conversions

Conversions Part 2

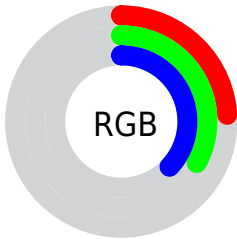
Format	Color
RYB	60, 74, 94
Decimal	3953502
CIELab	33.89, -5.69, -9.22
CIELCh	34, 10.835, 238.339
Yxy	7.9553, 0.2614, 0.2981
Android (android.graphics.Color)	4282143582 (0xFF3C535E)
YUV	77.3770, 8.1951, -15.2396
Hunter-Lab	28.2052, -5.2035, -4.9717

Details

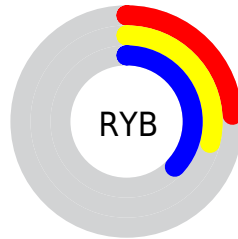
The Hex color **3C535E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E473C**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6D8490**, and **0E2630** is the 20% darker color. If you saturate the color by 10%, you get **33505E**, and if you desaturate by 10%, it is **45565E**.

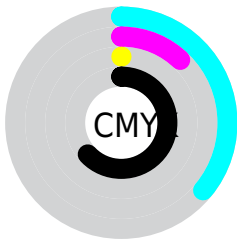
Distribution



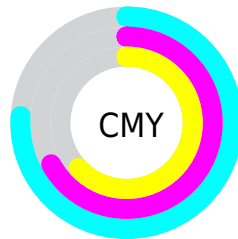
- Red (24%)
- Green (33%)
- Blue (37%)



- Red (24%)
- Yellow (29%)
- Blue (37%)



- Cyan (36%)
- Magenta (12%)
- Yellow (0%)
- Black (63%)



- Cyan (76%)
- Magenta (67%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C535E 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 3C535E by changing the saturation by 10% instead.

■ 3C535E

■ 3C535E

FFFFFF

■ 253C46

■ 6D8490

■ 0E2630

■ 869FAB

■ 00121B

■ A1B9C6

■ 000000

■ BCD5E2

■ D8F2FF

■ F5FFFF

■ 3C535E

■ 3C535E

■ 33505E

■ 45565E

■ 294D5E

■ 4F595E

■ 204A5E

■ 585C5E

■ 16475E

■ 625F5E

■ 0D445E

■ 6B625E

■ 04415E

■ 74655E

■ 00405E

■ 7E685E

■ 876B5E

■ 916E5E

Harmonies

Analogous

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



385457



3C535E



455161

Triad

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



3C535E



604A50



4E5240

Complementary

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



3C535E



5E473C

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.



574F3F



3C535E



624A48

Square

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



3C535E



5A4B59



5E4C41



445446

Rectangle

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



3C535E



4D4F60



5E4C41



51513F

Sweetspot

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



3C535E



6D767A



3C5E47



353B3D



BDBDBD



3D3D3D

Same Dimension

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



3C535E



46697A



3C425E



292C2E



004A6E



00A0ED

Inverse Universe

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



5E3C53



7A4669



5E583C



2E292C



6E004A



ED00A0

Previews

White Background



This preview shows how the Hex color 3C535E looks on a white background.

Color Contrast Check

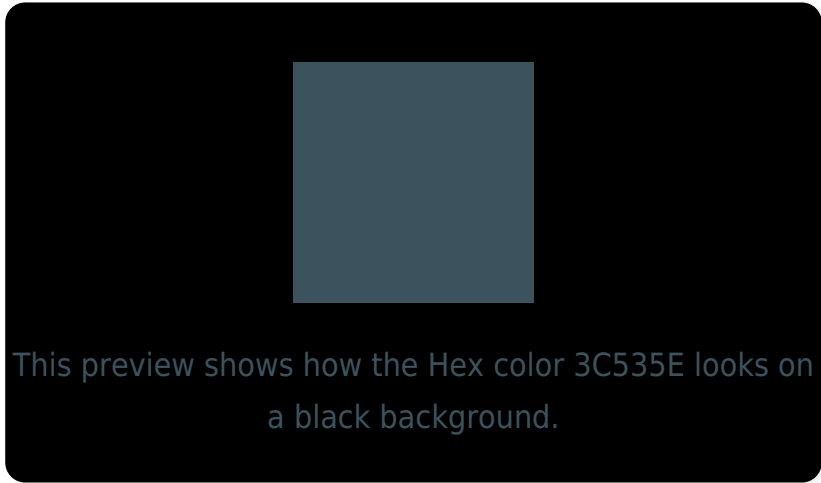
Large Text (above 18pt) WCAG AA ✓ Pass

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

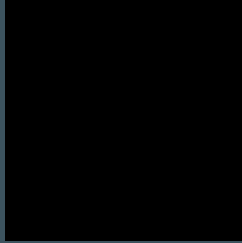
Any Text WCAG AA × Fail

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 3C535E Background



This preview shows how black text looks on a background with the Hex color 3C535E.

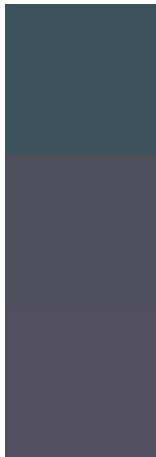


This preview shows how white text looks on a background with the Hex color 3C535E.

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
3C535E

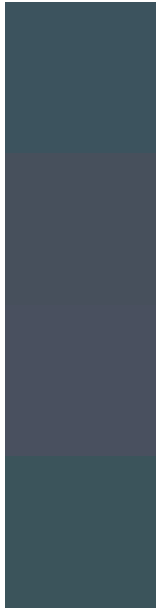
Protanopia
4D4F5B

Deuteranopia
504E5F



Tritanopia
3B545A

Trichromacy



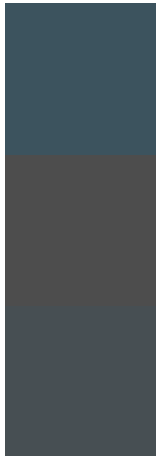
Original Color
3C535E

Protanomaly
47505C

Deuteranomaly
49505F

Tritanomaly
3B545B

Monochromacy



Original Color
3C535E

Achromatopsia
4D4D4D

Achromatomaly
474F53

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C535E 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 #3C535E looks like.

```
.text, #text, p{  
    color:#3C535E  
}
```

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 #3C535E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C535E
}
```

Border

The CSS property to change the border of an element to Hex 3C535E 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
#3C535E }
```

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

```
.border{ border-color:#3C535E }
```

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

Here you see how a box with a 4 pixel #3C535E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C535E; -webkit-box-shadow:4px 4px  
4px 4px #3C535E; box-shadow:4px 4px 4px  
4px #3C535E }
```

Background

The CSS property to change the background color of an element to Hex 3C535E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C535E }
```

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

```
.background{ background-color:#3C535E }
```

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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