

Converting Colors

Hex(3B415E)

Have a look what the booklet for
Hex(3B415E) contains.

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Color

Hex(3B415E)

Conversions

Conversions Part 1

Format	Color
Hex	3B415E
RGB	59, 65, 94
RGB Percent	23%, 25%, 37%
CMY	0.7686, 0.7451, 0.6314
CMYK	0.37, 0.31, 0.00, 0.63
HSL	230°, 23%, 30%
HSV	230°, 37%, 37%
XYZ	5.7143, 5.5186, 11.3537
YIQ	66.5120, -12.8850, 7.7470

Conversions

Conversions Part 2

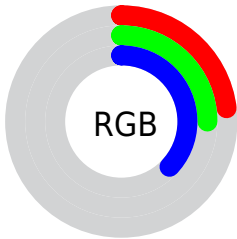
Format	Color
R_{YB}	59, 64, 94
Decimal	3883358
CIE _{Lab}	28.16, 5.51, -17.99
CIE _{LCh}	28, 18.817, 287.038
Yxy	5.5186, 0.2530, 0.2443
Android (android.graphics.Color)	4282073438 (0xFF3B415E)
YUV	66.5120, 13.5516, -6.5880
Hunter-Lab	23.4916, 2.3097, -12.2112

Details

The Hex color **3B415E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5E583B**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6C7191**, and **0D1730** is the 20% darker color. If you saturate the color by 10%, you get **32395E**, and if you desaturate by 10%, it is **44495E**.

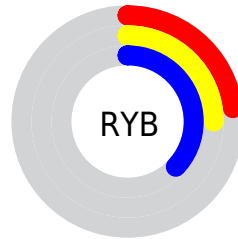
Distribution



Red (23%)

Green (25%)

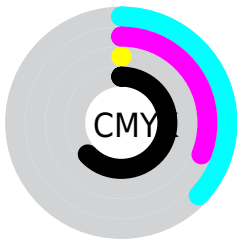
Blue (37%)



Red (23%)

Yellow (25%)

Blue (37%)

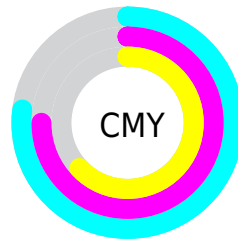


Cyan (37%)

Magenta (31%)

Yellow (0%)

Black (63%)



Cyan (77%)

Magenta (75%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B415E 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 3B415E by changing the saturation by 10% instead.



3B415E



3B415E

FFFFFF



242B46



6C7191



0D1730



858AAB



00011B



A0A4C6



000000



BBBF E2



D7DBFF



F3F8FF



3B415E



3B415E



32395E



44495E

■ 28315E

■ 4E515E

■ 1F2A5E

■ 57585E

■ 15225E

■ 61605E

■ 0C1A5E

■ 6A685E

■ 03125E

■ 73705E

■ 00105E

■ 7D785E

■ 867F5E

■ 90875E

Harmonies

Analogous

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



23465E



3B415E



4E3C56

Triad

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



3B415E



5B3B2E



214A3B

Complementary

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



3B415E



5E583B

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.



33482E



3B415E



523F26

Square

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



3B415E



5F373B



444426



0E4A4A

Rectangle

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



3B415E



57394E



444426



274937

Sweetspot

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



3B415E



6D6F7A



3B5E58



35373D



BDBDBD



3D3D3D

Same Dimension

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



3B415E



434D7A



463B5E



292A2E



00136E



0029ED

Inverse Universe

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



5E3B41



7A434D



535E3B



2E292A



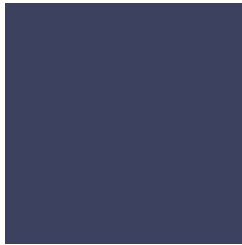
6E0013



ED0029

Previews

White Background



This preview shows how the Hex color 3B415E looks on a white background.

Color Contrast Check

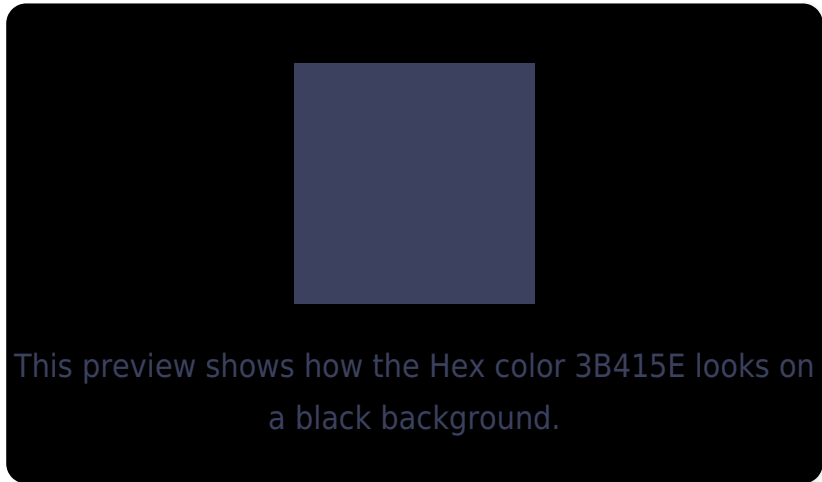
Large Text (above 18pt) WCAG AA ✓ Pass

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

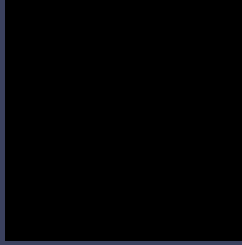
Any Text WCAG AA × Fail

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 3B415E Background



This preview shows how black text looks on a background with the Hex color 3B415E.

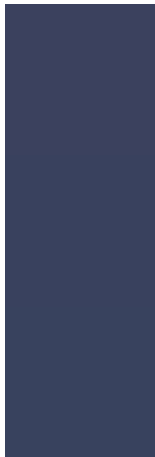


This preview shows how white text looks on a background with the Hex color 3B415E.

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](#).

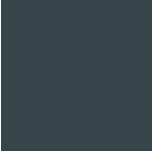
Dichromacy



Original Color
3B415E

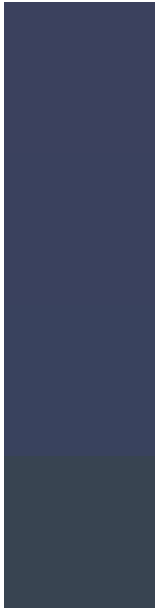
Protanopia
39415E

Deuteranopia
38425E



Tritanopia
36454A

Trichromacy



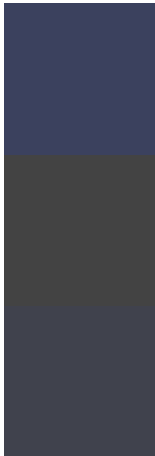
Original Color
3B415E

Protanomaly
3A415E

Deuteranomaly
39425E

Tritanomaly
384451

Monochromacy



Original Color
3B415E

Achromatopsia
434343

Achromatomaly
40424D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B415E 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 #3B415E looks like.

```
.text, #text, p{  
    color:#3B415E  
}
```

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 #3B415E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B415E
}
```

Border

The CSS property to change the border of an element to Hex 3B415E 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
#3B415E }
```

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

```
.border{ border-color:#3B415E }
```

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

Here you see how a box with a 4 pixel #3B415E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B415E; -webkit-box-shadow:4px 4px  
4px 4px #3B415E; box-shadow:4px 4px 4px  
4px #3B415E }
```

Background

The CSS property to change the background color of an element to Hex 3B415E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B415E }
```

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

```
.background{ background-color:#3B415E }
```

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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