

Converting Colors

Hex(3E415D)

Have a look what the booklet for
Hex(3E415D) contains.

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Color

Hex(3E415D)

Conversions

Conversions Part 1

Format	Color
Hex	3E415D
RGB	62, 65, 93
RGB Percent	24%, 25%, 36%
CMY	0.7569, 0.7451, 0.6353
CMYK	0.33, 0.30, 0.00, 0.64
HSL	234°, 20%, 30%
HSV	234°, 33%, 36%
XYZ	5.8527, 5.5950, 11.1274
YIQ	67.2950, -10.7760, 8.0720

Conversions

Conversions Part 2

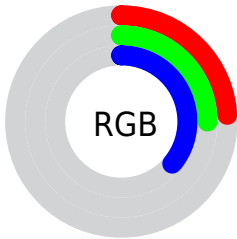
Format	Color
RYB	62, 65, 93
Decimal	4079965
CIELab	28.37, 6.21, -17.01
CIELCh	28, 18.109, 290.044
Yxy	5.5950, 0.2593, 0.2478
Android (android.graphics.Color)	4282270045 (0xFF3E415D)
YUV	67.2950, 12.6726, -4.6437
Hunter-Lab	23.6538, 2.7722, -11.3339

Details

The Hex color **3E415D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5D5A3E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6E718F**, and **11172F** is the 20% darker color. If you saturate the color by 10%, you get **35395D**, and if you desaturate by 10%, it is **47495D**.

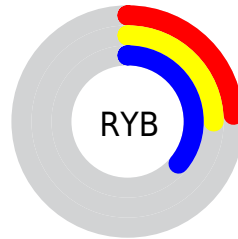
Distribution



Red (24%)

Green (25%)

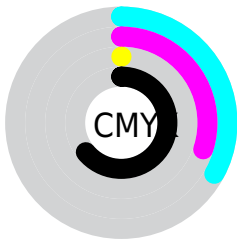
Blue (36%)



Red (24%)

Yellow (25%)

Blue (36%)

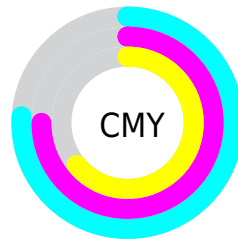


Cyan (33%)

Magenta (30%)

Yellow (0%)

Black (64%)



Cyan (76%)

Magenta (75%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E415D 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 3E415D by changing the saturation by 10% instead.

■ 3E415D

■ 3E415D

FFFFFF

■ 272B45

■ 6E718F

■ 11172F

■ 888AAA

■ 00011A

■ A3A4C5

■ 000000

■ BEBFE1

■ DADBFE

■ F6F8FF

■ 3E415D

■ 3E415D

■ 35395D

■ 47495D

■ 2B305D

■ 51525D

■ 22285D

■ 5A5A5D

■ 191F5D

■ 63635D

■ 10175D

■ 6D6B5D

■ 060F5D

■ 76735D

■ 00095D

■ 7F7C5D

■ 88845D

■ 928D5D

Harmonies

Analogous

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



28465E



3E415D



503C55

Triad

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



3E415D



5A3C2E



224A3E

Complementary

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



3E415D



5D5A3E

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.



334831



3E415D



504027

Square

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



3E415D



5E393A



434528



124A4C

Rectangle

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



3E415D



58394D



434528



274A39

Sweetspot

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



3E415D



6C6D78



3E5D5A



36373D



BDBDBD



3D3D3D

Same Dimension

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



3E415D



484D78



4A3E5D



292A2E



000B6E



0017ED

Inverse Universe

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



5D3E41



78484D



515D3E



2E292A



6E000B



ED0017

Previews

White Background



This preview shows how the Hex color 3E415D looks on a white background.

Color Contrast Check

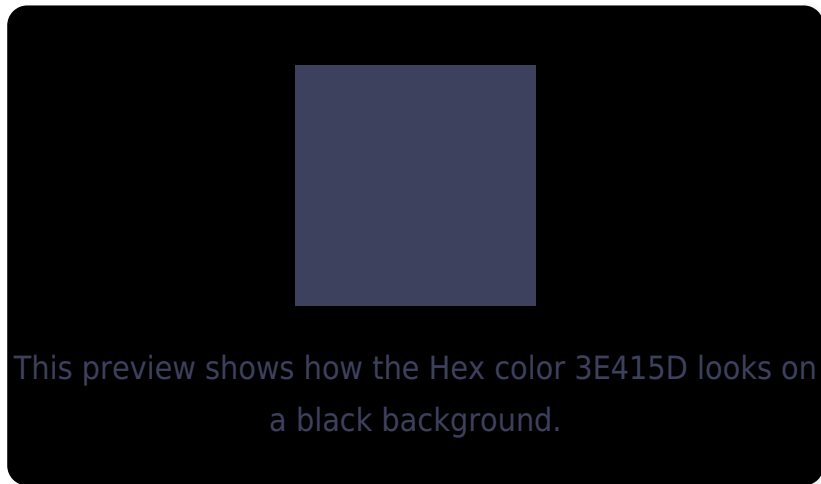
Large Text (above 18pt) WCAG AA ✓ Pass

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

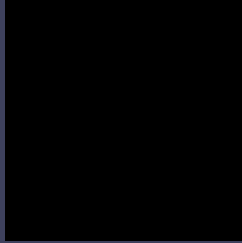
Any Text WCAG AA × Fail

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 3E415D Background



This preview shows how black text looks on a background with the Hex color 3E415D.

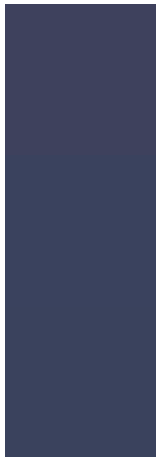


This preview shows how white text looks on a background with the Hex color 3E415D.

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
3E415D

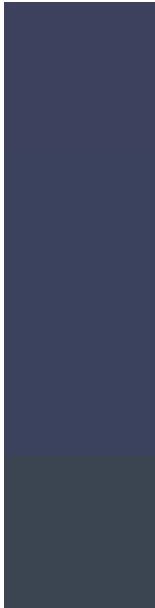
Protanopia
3A425E

Deuteranopia
3A425D



Tritanopia
3A454A

Trichromacy



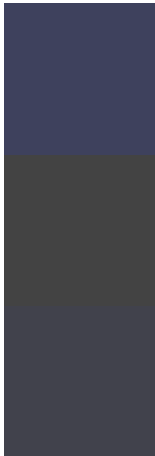
Original Color
3E415D

Protanomaly
3B425E

Deuteranomaly
3B425D

Tritanomaly
3B4451

Monochromacy



Original Color
3E415D

Achromatopsia
434343

Achromatomaly
41424C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E415D 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 #3E415D looks like.

```
.text, #text, p{  
    color:#3E415D  
}
```

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 #3E415D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E415D  
}
```

Border

The CSS property to change the border of an element to Hex 3E415D is called "border". The border property can be set on classes, ids or directly on the HTML element.

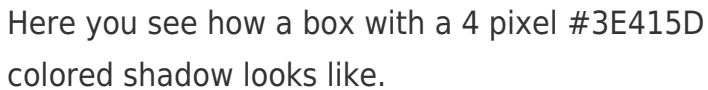
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3E415D }
```

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

```
.border{ border-color:#3E415D }
```

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



Here you see how a box with a 4 pixel #3E415D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E415D; -webkit-box-shadow:4px 4px  
4px 4px #3E415D; box-shadow:4px 4px 4px  
4px #3E415D }
```

Background

The CSS property to change the background color of an element to Hex 3E415D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E415D }
```

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

```
.background{ background-color:#3E415D }
```

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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