

# Converting Colors

Hex(33425E)

Have a look what the booklet for  
Hex(33425E) contains.

|  |    |
|--|----|
| <b>Hex(33425E)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

Hex(33425E)

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 33425E                    |
| RGB         | 51, 66, 94                |
| RGB Percent | 20%, 26%, 37%             |
| CMY         | 0.8000, 0.7412, 0.6314    |
| CMYK        | 0.46, 0.30, 0.00, 0.63    |
| HSL         | 219°, 30%, 28%            |
| HSV         | 219°, 46%, 37%            |
| XYZ         | 5.3338, 5.4084, 11.3525   |
| YIQ         | 64.7070, -17.9280, 5.5280 |

# Conversions

## Conversions Part 2

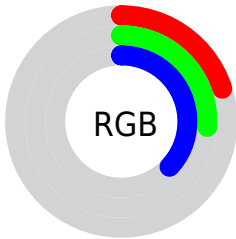
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 51, 62, 94                    |
| Decimal                             | 3359326                       |
| CIE <sub>Lab</sub>                  | 27.87, 2.34, -18.50           |
| CIE <sub>LCh</sub>                  | 28, 18.646, 277.213           |
| Yxy                                 | 5.4084, 0.2414,<br>0.2448     |
| Android<br>(android.graphics.Color) | 4281549406<br>(0xFF33425E)    |
| YUV                                 | 64.7070, 14.4414,<br>-12.0210 |
| Hunter-Lab                          | 23.2559, 0.2417,<br>-12.6635  |




# Details

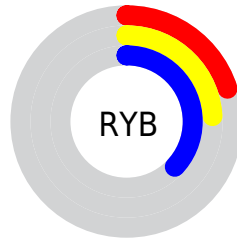
The Hex color **33425E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5E4F33**, and the grayscale version is **414141**.




A 20% lighter version of the original color is **647291**, and **031830** is the 20% darker color. If you saturate the color by 10%, you get **2A3C5E**, and if you desaturate by 10%, it is **3C485E**.

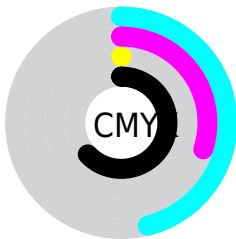
# Distribution







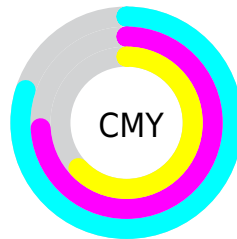
-  Red (20%)
-  Green (26%)
-  Blue (37%)






-  Red (20%)
-  Yellow (24%)
-  Blue (37%)



-  Cyan (46%)
-  Magenta (30%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (80%)
-  Magenta (74%)
-  Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 33425E 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 33425E by changing the saturation by 10% instead.



■ 33425E

■ 33425E

FFFFFF

■ 1C2C46

■ 647291

■ 031830

■ 7D8BAB

■ 00011B

■ 97A5C6

■ 000000

■ B3C1E2

■ CEDCFF

■ EBF9FF

■ 33425E

■ 33425E

■ 2A3C5E

■ 3C485E

■ 20365E

■ 464E5E

■ 17305E

■ 4F545E

■ 0D2A5E

■ 595A5E

■ 04235E

■ 62615E

■ 00215E

■ 6B675E

■ 756D5E

■ 7E735E

■ 88795E

# Harmonies

## Analogous

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



1B465C



33425E



483D59

# Triad

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



33425E



5C3931



274936

# Complementary

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



33425E



5E4F33

# 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.



38462B



33425E



543D28

# Square

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



33425E



5D373F



484225



144A45

# Rectangle

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



33425E



533A51



484225



2D4832



# Sweetspot

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



33425E



696F7A



335E4F



33363D



BDBDBD



3D3D3D



# Same Dimension

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



33425E



374F7A



39335E



292B2E



00266E



0053ED



# Inverse Universe

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



5E3342



7A374F



585E33



2E292B



6E0026

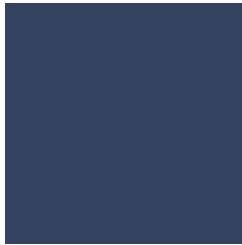


ED0053



# Previews

## White Background



This preview shows how the Hex color 33425E looks on a white background.

## Color Contrast Check

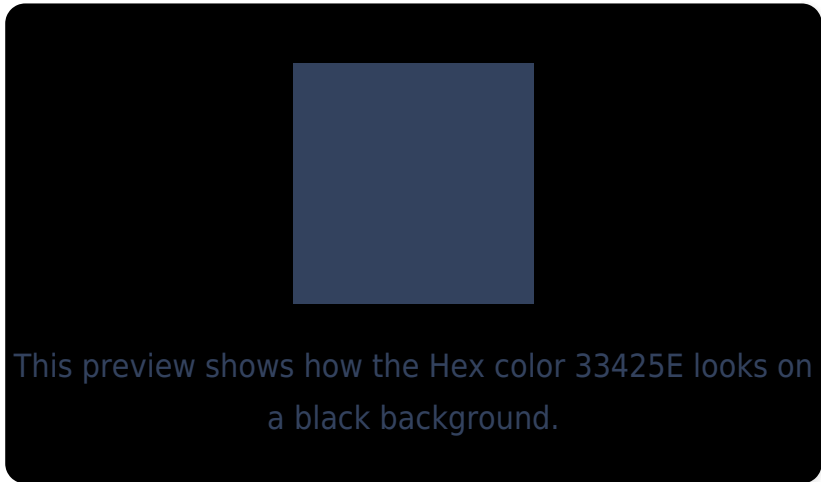
Large Text (above 18pt) WCAG AA ✓ Pass

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

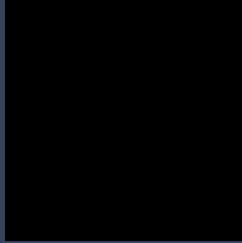
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 33425E Background



This preview shows how black text looks on a background with the Hex color 33425E.

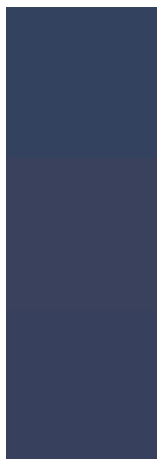


This preview shows how white text looks on a background with the Hex color 33425E.

# 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**  
33425E

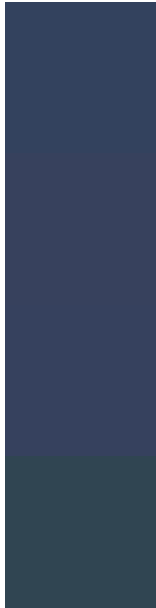
**Protanopia**  
39415D

**Deuteranopia**  
37415E



**Tritanopia**  
2E464B

# Trichromacy



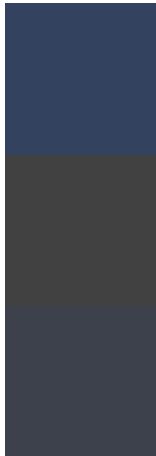
**Original Color**  
33425E

**Protanomaly**  
37415D

**Deuteranomaly**  
36415E

**Tritanomaly**  
304552

# Monochromacy



**Original Color**  
33425E

**Achromatopsia**  
414141

**Achromatomaly**  
3C414C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 33425E 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 #33425E looks like.

```
.text, #text, p{  
    color:#33425E  
}
```

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 #33425E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33425E
}
```

## Border

The CSS property to change the border of an element to Hex 33425E 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
#33425E }
```

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

```
.border{ border-color:#33425E }
```

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

Here you see how a box with a 4 pixel #33425E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33425E; -webkit-box-shadow:4px 4px  
4px 4px #33425E; box-shadow:4px 4px 4px  
4px #33425E }
```

# Background

The CSS property to change the background color of an element to Hex 33425E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33425E }
```

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

```
.background{ background-color:#33425E }
```

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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