

Converting Colors

Hex(3D3C5E)

Have a look what the booklet for
Hex(3D3C5E) contains.

Hex(3D3C5E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3D3C5E)

Conversions

Conversions Part 1

Format	Color
Hex	3D3C5E
RGB	61, 60, 94
RGB Percent	24%, 24%, 37%
CMY	0.7608, 0.7647, 0.6314
CMYK	0.35, 0.36, 0.00, 0.63
HSL	242°, 22%, 30%
HSV	242°, 36%, 37%
XYZ	5.5607, 5.0320, 11.2679
YIQ	64.1750, -10.3180, 10.7860

Conversions

Conversions Part 2

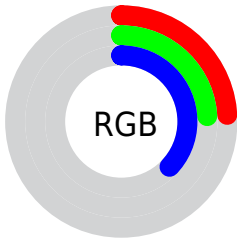
Format	Color
RYB	61, 60, 94
Decimal	4013150
CIELab	26.83, 9.51, -20.06
CIELCh	27, 22.201, 295.365
Yxy	5.0320, 0.2544, 0.2302
Android (android.graphics.Color)	4282203230 (0xFF3D3C5E)
YUV	64.1750, 14.7037, -2.7845
Hunter-Lab	22.4321, 4.9925, -14.0796

Details

The Hex color **3D3C5E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5D5E3C**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **6E6B91**, and **101230** is the 20% darker color. If you saturate the color by 10%, you get **34335E**, and if you desaturate by 10%, it is **46455E**.

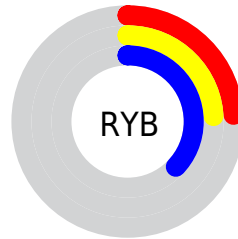
Distribution



Red (24%)

Green (24%)

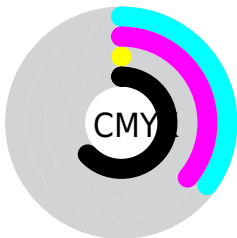
Blue (37%)



Red (24%)

Yellow (24%)

Blue (37%)

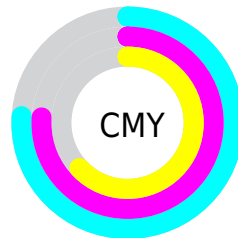


Cyan (35%)

Magenta (36%)

Yellow (0%)

Black (63%)



Cyan (76%)

Magenta (76%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3C5E 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 3D3C5E by changing the saturation by 10% instead.

■ 3D3C5E

■ 3D3C5E

FFFFFF

■ 262646

■ 6E6B91

■ 101230

■ 8784AB

■ 00011B

■ A29FC7

■ 000000

■ BDB9E3

■ D9D5FF

■ F6F1FF

■ 3D3C5E

■ 3D3C5E

■ 34335E

■ 46455E

■ 2B295E

■ 4F4F5E

■ 22205E

■ 58585E

■ 19165E

■ 61625E

■ 0F0D5E

■ 6B6B5E

■ 06045E

■ 74745E

■ 03005E

■ 7D7E5E

■ 86875E

■ 8F915E

Harmonies

Analogous

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



1E4261



3D3C5E



523653

Triad

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



3D3C5E



593724



0A483C

Complementary

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



3D3C5E



5D5E3C

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.



27462C



3D3C5E



4C3E1D

Square

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



3D3C5E



603332



3B4320



00484D

Rectangle

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



3D3C5E



5B3348



3B4320



164836

Sweetspot

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



3D3C5E



6D6D7A



3C5D5E



35353D



BDBDBD



3D3D3D

Same Dimension

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



3D3C5E



47467A



4E3C5E



29292E



03006E



0700ED

Inverse Universe

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



5E3C5D



7A4679



4C5E3C



2E292E



6E006A



ED00E6

Previews

White Background



This preview shows how the Hex color 3D3C5E looks on a white background.

Color Contrast Check

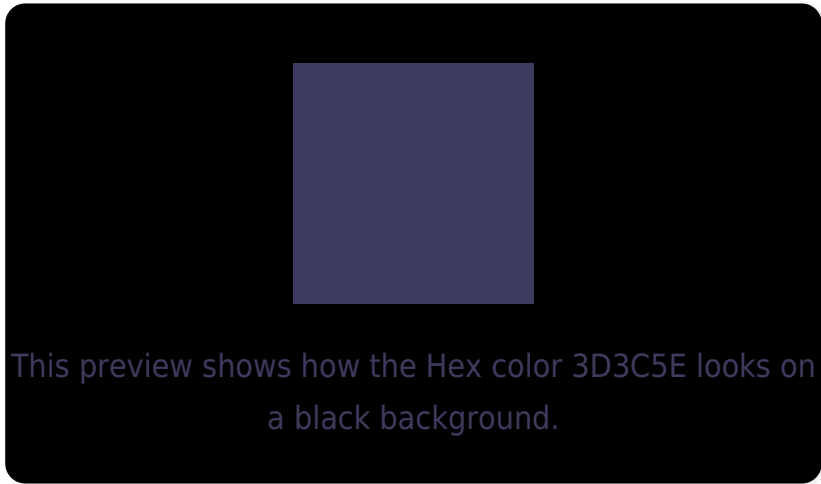
Large Text (above 18pt) WCAG AA ✓ Pass

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

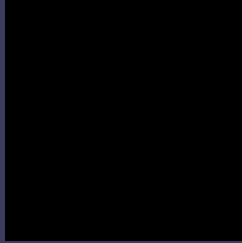
Any Text WCAG AA × Fail

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 3D3C5E Background



This preview shows how black text looks on a background with the Hex color 3D3C5E.

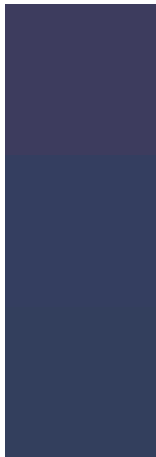


This preview shows how white text looks on a background with the Hex color 3D3C5E.

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](#).

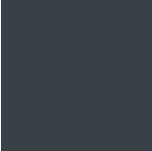
Dichromacy



Original Color
3D3C5E

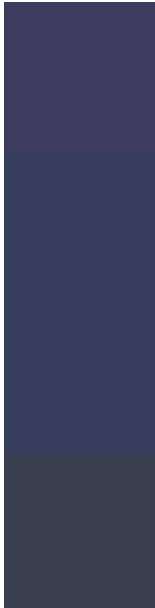
Protanopia
343E60

Deuteranopia
333F5D



Tritanopia
384146

Trichromacy



Original Color
3D3C5E

Protanomaly
373D5F

Deuteranomaly
373E5D

Tritanomaly
3A3F4F

Monochromacy



Original Color
3D3C5E

Achromatopsia
404040

Achromatomaly
3F3F4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3C5E 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 #3D3C5E looks like.

```
.text, #text, p{  
    color:#3D3C5E  
}
```

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 #3D3C5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3C5E
}
```

Border

The CSS property to change the border of an element to Hex 3D3C5E 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
#3D3C5E }
```

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

```
.border{ border-color:#3D3C5E }
```

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

Here you see how a box with a 4 pixel #3D3C5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3C5E; -webkit-box-shadow:4px 4px  
4px 4px #3D3C5E; box-shadow:4px 4px 4px  
4px #3D3C5E }
```

Background

The CSS property to change the background color of an element to Hex 3D3C5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3C5E }
```

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

```
.background{ background-color:#3D3C5E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor