

Converting Colors

Hex(3E3D58)

Have a look what the booklet for
Hex(3E3D58) contains.

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Color

Hex(3E3D58)

Conversions

Conversions Part 1

Format	Color
Hex	3E3D58
RGB	62, 61, 88
RGB Percent	24%, 24%, 35%
CMY	0.7569, 0.7608, 0.6549
CMYK	0.30, 0.31, 0.00, 0.65
HSL	242°, 18%, 29%
HSV	242°, 31%, 35%
XYZ	5.4168, 5.0662, 9.9249
YIQ	64.3770, -8.0710, 8.6090

Conversions

Conversions Part 2

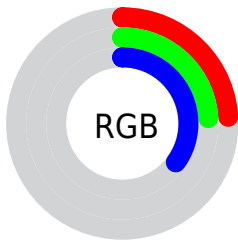
Format	Color
RYB	62, 61, 88
Decimal	4078936
CIELab	26.92, 7.40, -16.00
CIELCh	27, 17.634, 294.825
Yxy	5.0662, 0.2654, 0.2482
Android (android.graphics.Color)	4282269016 (0xFF3E3D58)
YUV	64.3770, 11.6461, -2.0846
Hunter-Lab	22.5082, 3.5682, -10.3879

Details

The Hex color **3E3D58** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **57583D**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **6E6C8A**, and **12132A** is the 20% darker color. If you saturate the color by 10%, you get **363458**, and if you desaturate by 10%, it is **464658**.

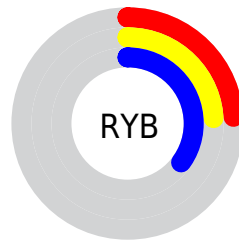
Distribution



Red (24%)

Green (24%)

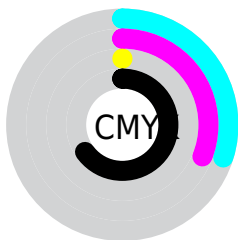
Blue (35%)



Red (24%)

Yellow (24%)

Blue (35%)

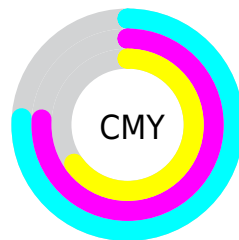


Cyan (30%)

Magenta (31%)

Yellow (0%)

Black (65%)



Cyan (76%)

Magenta (76%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E3D58 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 3E3D58 by changing the saturation by 10% instead.



3E3D58



3E3D58

FFFFFF



272741



6E6C8A



12132A



8886A4



000116



A2A0BF



000000



BDBBDB



D9D6F8



F6F3FF



3E3D58



3E3D58



363458



464658

■ 2D2B58

■ 4F4F58

■ 252358

■ 575758

■ 1C1A58

■ 606058

■ 141158

■ 686958

■ 0B0858

■ 717258

■ 030058

■ 797B58

■ 828358

■ 8A8C58

Harmonies

Analogous

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



29425A



3E3D58



4E384F

Triad

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



3E3D58



55392A



1D473D

Complementary

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



3E3D58



57583D

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.



2E4530



3E3D58



4B3E25

Square

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



3E3D58



5A3635



3D4227



0E474A

Rectangle

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



3E3D58



563647



3D4227



224638

Sweetspot

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



3E3D58



696873



3D5758



34343B



BABABA



3B3B3B

Same Dimension

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



3E3D58



4A4873



4B3D58



27272B



04006B



0900EB

Inverse Universe

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



583D57



734871



4A583D



2B272B



6B0067



EB00E2

Previews

White Background



This preview shows how the Hex color 3E3D58 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

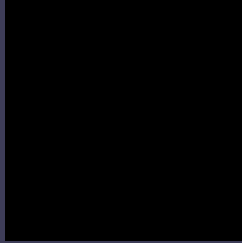
Any Text WCAG AA × Fail

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 3E3D58 Background



This preview shows how black text looks on a background with the Hex color 3E3D58.



This preview shows how white text looks on a background with the Hex color 3E3D58.

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](#).

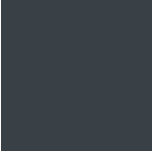
Dichromacy



Original Color
3E3D58

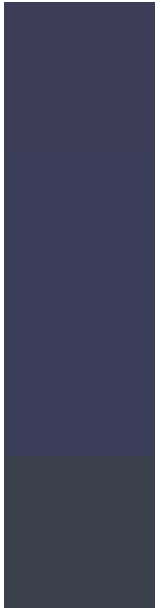
Protanopia
373F59

Deuteranopia
383F58



Tritanopia
3A4146

Trichromacy



Original Color
3E3D58

Protanomaly
3A3E59

Deuteranomaly
3A3E58

Tritanomaly
3B404D

Monochromacy



Original Color
3E3D58

Achromatopsia
404040

Achromatomaly
3F3F49

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E3D58 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 #3E3D58 looks like.

```
.text, #text, p{  
    color:#3E3D58  
}
```

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 #3E3D58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E3D58
}
```

Border

The CSS property to change the border of an element to Hex 3E3D58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

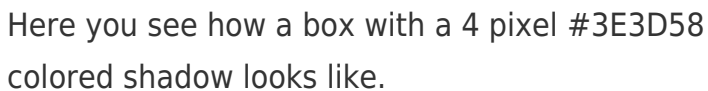
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E3D58 }
```

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

```
.border{ border-color:#3E3D58 }
```

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



Here you see how a box with a 4 pixel #3E3D58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E3D58; -webkit-box-shadow:4px 4px  
4px 4px #3E3D58; box-shadow:4px 4px 4px  
4px #3E3D58 }
```

Background

The CSS property to change the background color of an element to Hex 3E3D58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E3D58 }
```

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

```
.background{ background-color:#3E3D58 }
```

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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