

Converting Colors

Hex(313D3D)

Have a look what the booklet for
Hex(313D3D) contains.

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Color

Hex(313D3D)

Conversions

Conversions Part 1

Format	Color
Hex	313D3D
RGB	49, 61, 61
RGB Percent	19%, 24%, 24%
CMY	0.8078, 0.7608, 0.7608
CMYK	0.20, 0.00, 0.00, 0.76
HSL	180°, 11%, 22%
HSV	180°, 20%, 24%
XYZ	3.7777, 4.3274, 5.0510
YIQ	57.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

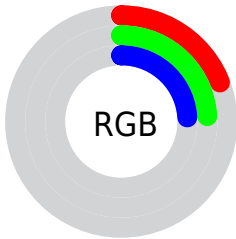
Format	Color
RYB	49, 55, 61
Decimal	3226941
CIELab	24.73, -4.91, -1.65
CIElCh	25, 5.176, 198.547
Yxy	4.3274, 0.2871, 0.3289
Android (android.graphics.Color)	4281417021 (0xFF313D3D)
YUV	57.4120, 1.7689, -7.3773
Hunter-Lab	20.8023, -3.9888, 0.1654

Details

The Hex color **313D3D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D3131**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5F6C6C**, and **031313** is the 20% darker color. If you saturate the color by 10%, you get **2B3D3D**, and if you desaturate by 10%, it is **373D3D**.

Distribution



Red (19%)

Green (24%)

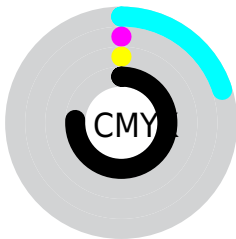
Blue (24%)



Red (19%)

Yellow (22%)

Blue (24%)

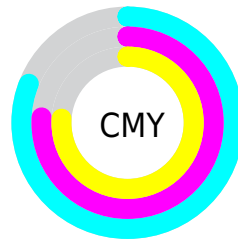


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (76%)



Cyan (81%)

Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313D3D 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 313D3D by changing the saturation by 10% instead.



313D3D



313D3D

FFFFFF



1C2727



5F6C6C



031313



788686



000000



92A0A0



ADB BBB



C8D6D6



E4F3F3



313D3D



313D3D



2B3D3D



373D3D

■ 253D3D

■ 3D3D3D

■ 1F3D3D

■ 433D3D

■ 193D3D

■ 493D3D

■ 133D3D

■ 503D3D

■ 0C3D3D

■ 563D3D

■ 063D3D

■ 5C3D3D

■ 003D3D

■ 623D3D

■ 683D3D

Harmonies

Analogous

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



333D39



313D3D



323C40

Triad

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



313D3D



3E3940



3F3A33

Complementary

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



313D3D



3D3131

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.



423935



313D3D



42383C

Square

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



313D3D



3A3A42



433838



3B3B33

Rectangle

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



313D3D



343C42



433838



413934

Sweetspot

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



313D3D



4A4F4F



313D31



262929



A8A8A8



292929

Same Dimension

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



313D3D



3C4F4F



31373D



1C1F1F



005E5E



00DEDE

Inverse Universe

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



3D313D



4F3C4F



3D3731



1F1C1F



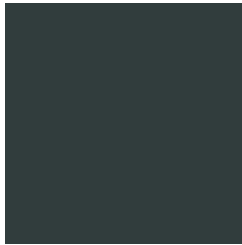
5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 313D3D looks on a white background.

Color Contrast Check

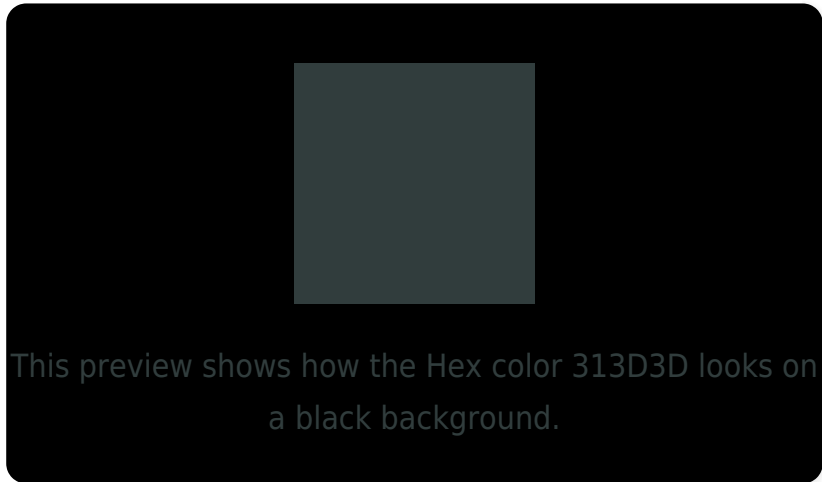
Large Text (above 18pt) WCAG AA ✓ Pass

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

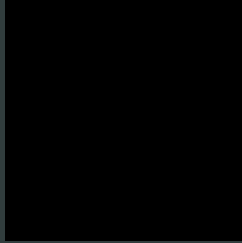
Any Text WCAG AA × Fail

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 313D3D Background



This preview shows how black text looks on a background with the Hex color 313D3D.



This preview shows how white text looks on a background with the Hex color 313D3D.

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

313D3D

Protanopia

3B3A3B

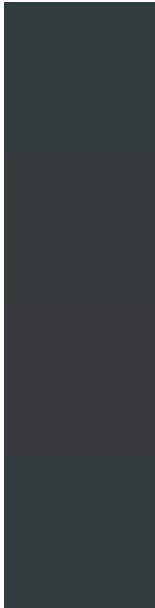
Deuteranopia

3F393E



Tritanopia
323C41

Trichromacy



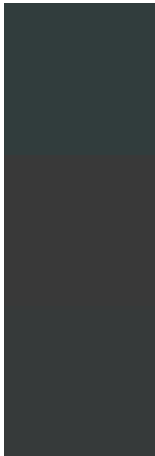
Original Color
313D3D

Protanomaly
373B3C

Deuteranomaly
3A3A3E

Tritanomaly
323C40

Monochromacy



Original Color
313D3D

Achromatopsia
393939

Achromatomaly
363A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 313D3D 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 #313D3D looks like.

```
.text, #text, p{  
    color:#313D3D  
}
```

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 #313D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313D3D
}
```

Border

The CSS property to change the border of an element to Hex 313D3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

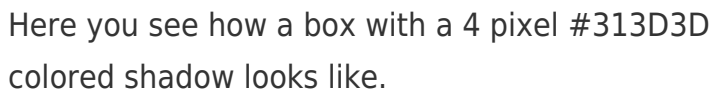
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#313D3D }
```

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

```
.border{ border-color:#313D3D }
```

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



Here you see how a box with a 4 pixel #313D3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313D3D; -webkit-box-shadow:4px 4px  
4px 4px #313D3D; box-shadow:4px 4px 4px  
4px #313D3D }
```

Background

The CSS property to change the background color of an element to Hex 313D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313D3D }
```

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

```
.background{ background-color:#313D3D }
```

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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