

Converting Colors

Hex(31283E)

Have a look what the booklet for
Hex(31283E) contains.

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Color

Hex(31283E)

Conversions

Conversions Part 1

Format	Color
Hex	31283E
RGB	49, 40, 62
RGB Percent	19%, 16%, 24%
CMY	0.8078, 0.8431, 0.7569
CMYK	0.21, 0.35, 0.00, 0.76
HSL	265°, 22%, 20%
HSV	265°, 35%, 24%
XYZ	2.8949, 2.5184, 4.8909
YIQ	45.1990, -1.6980, 8.7500

Conversions

Conversions Part 2

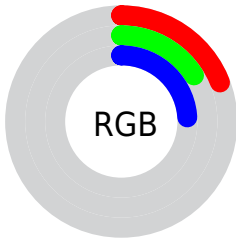
Format	Color
R_{YB}	49, 40, 62
Decimal	3221566
CIE _{Lab}	18.00, 9.59, -12.47
CIE _{LCh}	18, 15.733, 307.557
Yxy	2.5184, 0.2809, 0.2444
Android (android.graphics.Color)	4281411646 (0xFF31283E)
YUV	45.1990, 8.2829, 3.3335
Hunter-Lab	15.8693, 4.7911, -7.1647

Details

The Hex color **31283E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **353E28**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **60556E**, and **000013** is the 20% darker color. If you saturate the color by 10%, you get **2D223E**, and if you desaturate by 10%, it is **352E3E**.

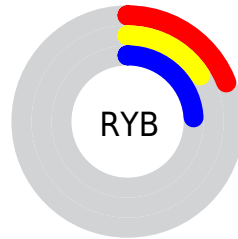
Distribution



Red (19%)

Green (16%)

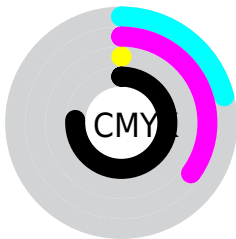
Blue (24%)



Red (19%)

Yellow (16%)

Blue (24%)

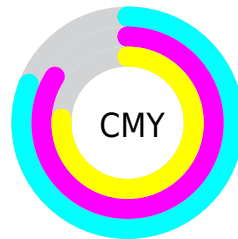


Cyan (21%)

Magenta (35%)

Yellow (0%)

Black (76%)



Cyan (81%)

Magenta (84%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31283E 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 31283E by changing the saturation by 10% instead.

■ 31283E

■ 31283E

FFFFFF

■ 1C1428

■ 60556E

■ 000013

■ 786D87

■ 000000

■ 9287A1

■ ADA1BC

■ C8BCD8

■ E4D8F4

■ FFF4FF

■ 31283E

■ 31283E

■ 2D223E

■ 352E3E

■ 2A1C3E

■ 38343E

■ 26153E

■ 3C3B3E

■ 220F3E

■ 40413E

■ 1F093E

■ 43473E

■ 1B033E

■ 474D3E

■ 19003E

■ 4B533E

■ 4E5A3E

■ 52603E

Harmonies

Analogous

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



202C42



31283E



3D2435

Triad

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



31283E



3A2817



05322F

Complementary

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



31283E



353E28

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.



163123



31283E



312C15

Square

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



31283E



41251F



242F1A



003139

Rectangle

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



31283E



41232D



242F1A



0B322B

Sweetspot

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



31283E



4C4952



28353E



262329



A8A8A8



292929

Same Dimension

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



31283E



3D2F52



3C283E



1D1C1F



27005E



5B00DE

Inverse Universe

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



3E2835



522F43



2A3E28



1F1C1D



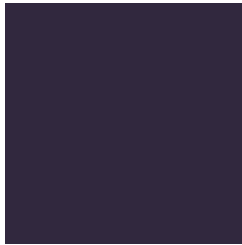
5E0038



DE0083

Previews

White Background



This preview shows how the Hex color 31283E looks on a white background.

Color Contrast Check

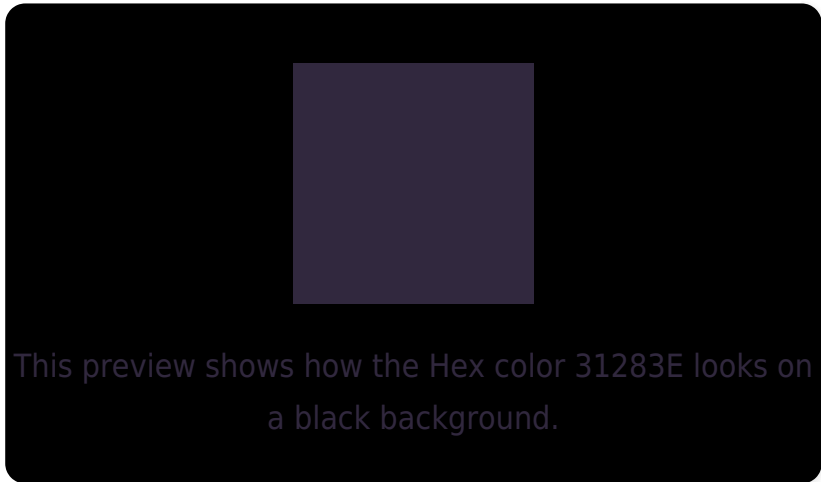
Large Text (above 18pt) WCAG AA ✓ Pass

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

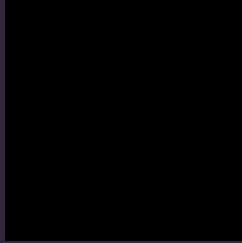
Any Text WCAG AA × Fail

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 31283E Background



This preview shows how black text looks on a background with the Hex color 31283E.



This preview shows how white text looks on a background with the Hex color 31283E.

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
31283E

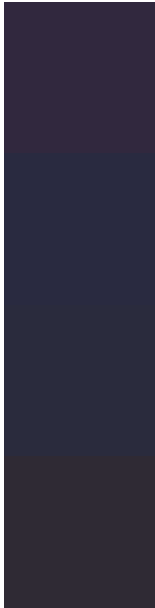
Protanopia
252B41

Deuteranopia
262C3D



Tritanopia
2E2B2F

Trichromacy



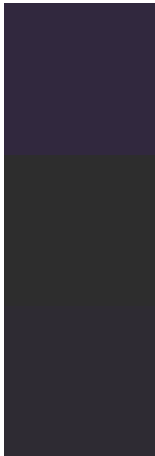
Original Color
31283E

Protanomaly
292A40

Deuteranomaly
2A2B3D

Tritanomaly
2F2A34

Monochromacy



Original Color
31283E

Achromatopsia
2D2D2D

Achromatomaly
2E2B33

CSS Examples

Text

The CSS property to change the color of the text to Hex 31283E 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 #31283E looks like.

```
.text, #text, p{  
    color:#31283E  
}
```

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 #31283E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31283E
}
```

Border

The CSS property to change the border of an element to Hex 31283E is called "border". The border property can be set on classes, ids or directly on the HTML element.

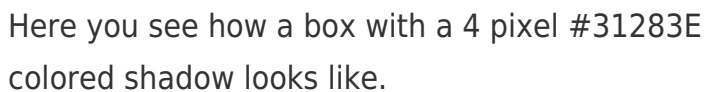
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31283E }
```

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

```
.border{ border-color:#31283E }
```

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



Here you see how a box with a 4 pixel #31283E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31283E; -webkit-box-shadow:4px 4px  
4px 4px #31283E; box-shadow:4px 4px 4px  
4px #31283E }
```

Background

The CSS property to change the background color of an element to Hex 31283E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31283E }
```

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

```
.background{ background-color:#31283E }
```

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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