

Converting Colors

Hex(31263D)

Have a look what the booklet for
Hex(31263D) contains.

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Color

Hex(31263D)

Conversions

Conversions Part 1

Format	Color
Hex	31263D
RGB	49, 38, 61
RGB Percent	19%, 15%, 24%
CMY	0.8078, 0.8510, 0.7608
CMYK	0.20, 0.38, 0.00, 0.76
HSL	269°, 23%, 19%
HSV	269°, 38%, 24%
XYZ	2.8020, 2.3761, 4.7258
YIQ	43.9110, -0.8270, 9.4850

Conversions

Conversions Part 2

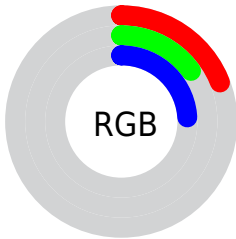
Format	Color
RYB	49, 38, 61
Decimal	3221053
CIELab	17.35, 10.71, -12.79
CIELCh	17, 16.684, 309.959
Yxy	2.3761, 0.2829, 0.2399
Android (android.graphics.Color)	4281411133 (0xFF31263D)
YUV	43.9110, 8.4249, 4.4631
Hunter-Lab	15.4147, 5.4717, -7.3869

Details

The Hex color **31263D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **323D26**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **60536D**, and **000112** is the 20% darker color. If you saturate the color by 10%, you get **2E203D**, and if you desaturate by 10%, it is **342C3D**.

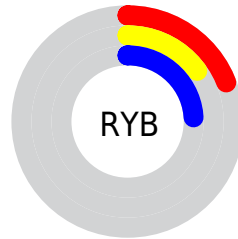
Distribution



 Red (19%)

 Green (15%)

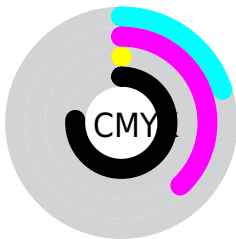
 Blue (24%)




 Red (19%)

 Yellow (15%)

 Blue (24%)

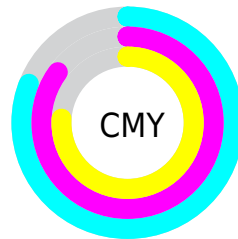


 Cyan (20%)

 Magenta (38%)

 Yellow (0%)

 Black (76%)



 Cyan (81%)

 Magenta (85%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31263D 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 31263D by changing the saturation by 10% instead.

■ 31263D

■ 31263D

FFFFFF

■ 1C1227

■ 60536D

■ 000112

■ 786B86

■ 000000

■ 9284A0

■ AD9FBB

■ C8B9D7

■ E4D5F3

■ FFF2FF

■ 31263D

■ 31263D

■ 2E203D

■ 342C3D

■ 2B1A3D

■ 37323D

■ 27143D

■ 3B383D

■ 240E3D

■ 3E3E3D

■ 21083D

■ 41453D

■ 1E013D

■ 444B3D

■ 1D003D

■ 47513D

■ 4A573D

■ 4E5D3D

Harmonies

Analogous

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



1F2A42



31263D



3D2233

Triad

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



31263D



392714



00312E

Complementary

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



31263D



323D26

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.



113022



31263D



2E2B13

Square

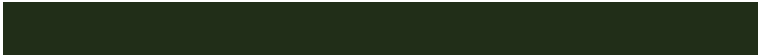
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



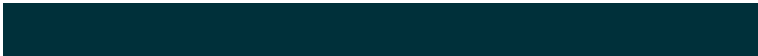
31263D



40231C



212E18



00303A

Rectangle

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



31263D



41212B



212E18



04312A

Sweetspot

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



31263D



4B464F



26323D



262329



A8A8A8



292929

Same Dimension

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



31263D



3C2B4F



3C263D



1D1C1F



2D005E



6A00DE

Inverse Universe

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



3D2632



4F2B3E



273D26



1F1C1D



5E0031



DE0074

Previews

White Background



This preview shows how the Hex color 31263D looks on a white background.

Color Contrast Check

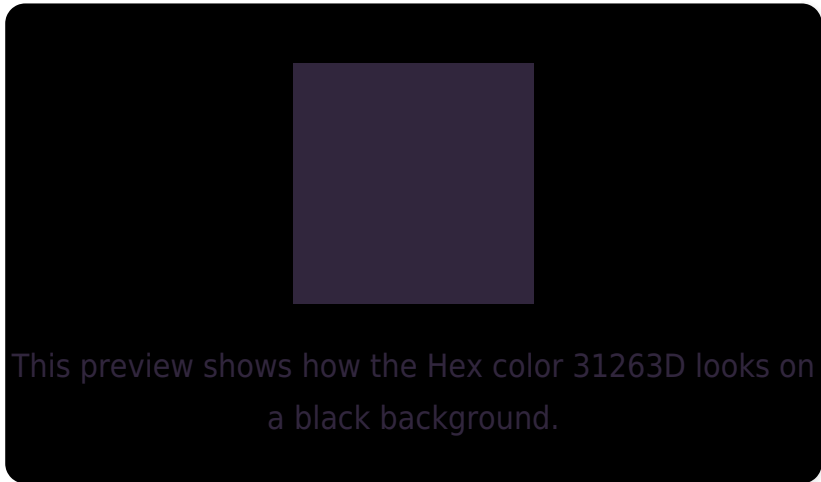
Large Text (above 18pt) WCAG AA ✓ Pass

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

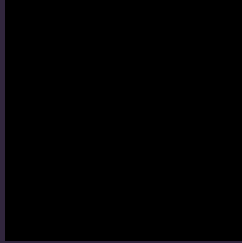
Any Text WCAG AA × Fail

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 31263D Background



This preview shows how black text looks on a background with the Hex color 31263D.



This preview shows how white text looks on a background with the Hex color 31263D.

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

31263D

Protanopia

232A40

Deuteranopia

252A3C



Tritanopia
2E292D

Trichromacy



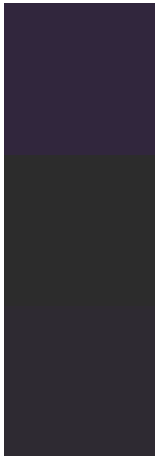
Original Color
31263D

Protanomaly
28293F

Deuteranomaly
29293C

Tritanomaly
2F2833

Monochromacy



Original Color
31263D

Achromatopsia
2C2C2C

Achromatomaly
2E2A32

CSS Examples

Text

The CSS property to change the color of the text to Hex 31263D 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 #31263D looks like.

```
.text, #text, p{  
    color:#31263D  
}
```

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 #31263D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31263D
}
```

Border

The CSS property to change the border of an element to Hex 31263D is called "border". The border property can be set on classes, ids or directly on the HTML element.

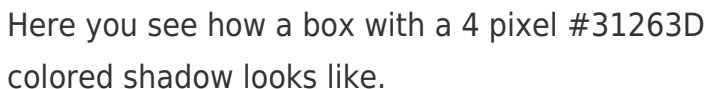
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31263D }
```

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

```
.border{ border-color:#31263D }
```

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



Here you see how a box with a 4 pixel #31263D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31263D; -webkit-box-shadow:4px 4px  
4px 4px #31263D; box-shadow:4px 4px 4px  
4px #31263D }
```

Background

The CSS property to change the background color of an element to Hex 31263D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31263D }
```

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

```
.background{ background-color:#31263D }
```

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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