

Converting Colors

Hex(31435D)

Have a look what the booklet for
Hex(31435D) contains.

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Color

Hex(31435D)

Conversions

Conversions Part 1

Format	Color
Hex	31435D
RGB	49, 67, 93
RGB Percent	19%, 26%, 36%
CMY	0.8078, 0.7373, 0.6353
CMYK	0.47, 0.28, 0.00, 0.64
HSL	215°, 31%, 28%
HSV	215°, 47%, 36%
XYZ	5.2496, 5.4576, 11.1327
YIQ	64.5820, -19.0740, 4.2700

Conversions

Conversions Part 2

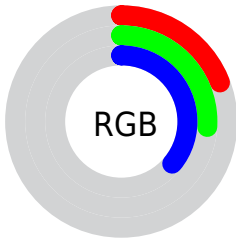
Format	Color
R _Y B	49, 62, 93
Decimal	3228509
CIE Lab	28.00, 0.76, -17.66
CIE LCh	28, 17.674, 272.452
Yxy	5.4576, 0.2404, 0.2499
Android (android.graphics.Color)	4281418589 (0xFF31435D)
YUV	64.5820, 14.0101, -13.6654
Hunter-Lab	23.3615, -0.7719, -11.9010

Details

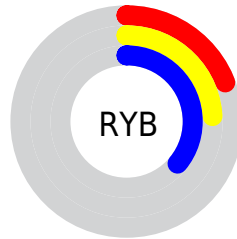
The Hex color **31435D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5D4B31**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **62738F**, and **01192F** is the 20% darker color. If you saturate the color by 10%, you get **283E5D**, and if you desaturate by 10%, it is **3A485D**.

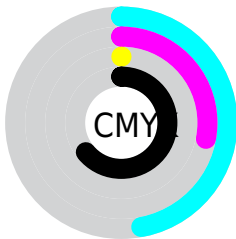
Distribution



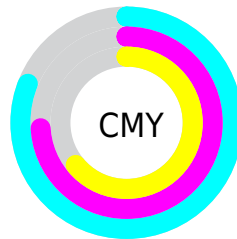
- Red (19%)
- Green (26%)
- Blue (36%)



- Red (19%)
- Yellow (24%)
- Blue (36%)



- Cyan (47%)
- Magenta (28%)
- Yellow (0%)
- Black (64%)



- Cyan (81%)
- Magenta (74%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31435D 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 31435D by changing the saturation by 10% instead.

■ 31435D

■ 31435D

FFFFFF

■ 192D45

■ 62738F

■ 01192F

■ 7B8CAA

■ 00011A

■ 95A7C5

■ 000000

■ B0C2E1

■ CCDEFE

■ E9FAFF

■ 31435D

■ 31435D

■ 283E5D

■ 3A485D

■ 1E385D

■ 444E5D

■ 15335D

■ 4D535D

■ 0C2D5D

■ 56595D

■ 02285D

■ 5F5E5D

■ 00265D

■ 69645D

■ 72695D

■ 7B6F5D

■ 85745D

Harmonies

Analogous

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



1C475A



31435D



453E59

Triad

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



31435D



5C3934



2C4835

Complementary

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



31435D



5D4B31

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.



3C462B



31435D



563D2A

Square

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



31435D



5C3841



4A4227



1B4943

Rectangle

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



31435D



503B53



4A4227



314831

Sweetspot

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



31435D



676E78



315D4B



33373D



BDBDBD



3D3D3D

Same Dimension

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



31435D



344F78



35315D



292B2E



002D6E



0061ED

Inverse Universe

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



5D3143



78344F



595D31



2E292B



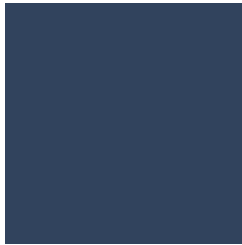
6E002D



ED0061

Previews

White Background



This preview shows how the Hex color 31435D looks on a white background.

Color Contrast Check

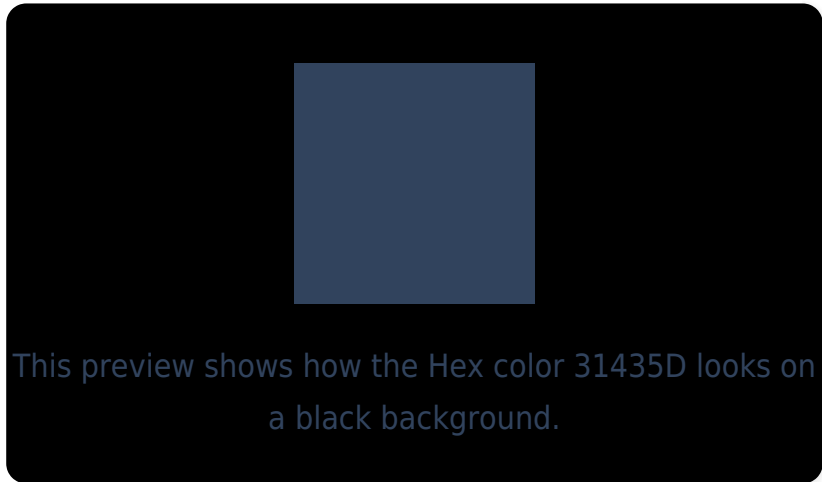
Large Text (above 18pt) WCAG AA ✓ Pass

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

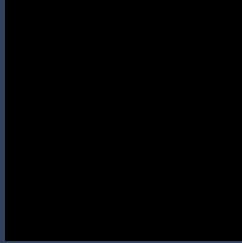
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

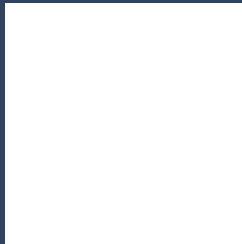
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 31435D Background



This preview shows how black text looks on a background with the Hex color 31435D.



This preview shows how white text looks on a background with the Hex color 31435D.

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](#).

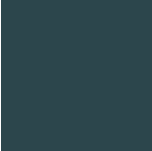
Dichromacy



Original Color
31435D

Protanopia
3A415B

Deuteranopia
38415D



Tritanopia
2C464C

Trichromacy



Original Color
31435D

Protanomaly
37425C

Deuteranomaly
35425D

Tritanomaly
2E4552

Monochromacy



Original Color
31435D

Achromatopsia
414141

Achromatomaly
3B424B

CSS Examples

Text

The CSS property to change the color of the text to Hex 31435D 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 #31435D looks like.

```
.text, #text, p{  
    color:#31435D  
}
```

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 #31435D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31435D
}
```

Border

The CSS property to change the border of an element to Hex 31435D is called "border". The border property can be set on classes, ids or directly on the HTML element.

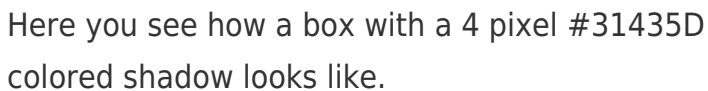
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31435D }
```

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

```
.border{ border-color:#31435D }
```

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



Here you see how a box with a 4 pixel #31435D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31435D; -webkit-box-shadow:4px 4px  
4px 4px #31435D; box-shadow:4px 4px 4px  
4px #31435D }
```

Background

The CSS property to change the background color of an element to Hex 31435D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31435D }
```

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

```
.background{ background-color:#31435D }
```

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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