

Converting Colors

Hex(31434D)

Have a look what the booklet for
Hex(31434D) contains.

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Color

Hex(31434D)

Conversions

Conversions Part 1

Format	Color
Hex	31434D
RGB	49, 67, 77
RGB Percent	19%, 26%, 30%
CMY	0.8078, 0.7373, 0.6980
CMYK	0.36, 0.13, 0.00, 0.70
HSL	201°, 22%, 25%
HSV	201°, 36%, 30%
XYZ	4.6133, 5.2031, 7.7823
YIQ	62.7580, -13.9380, -0.7060

Conversions

Conversions Part 2

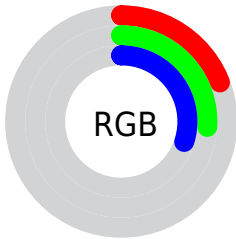
Format	Color
RYB	49, 60, 77
Decimal	3228493
CIELab	27.31, -4.27, -8.34
CIElCh	27, 9.368, 242.848
Yxy	5.2031, 0.2621, 0.2957
Android (android.graphics.Color)	4281418573 (0xFF31434D)
YUV	62.7580, 7.0213, -12.0658
Hunter-Lab	22.8103, -3.8168, -4.2611

Details

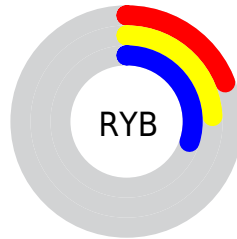
The Hex color **31434D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4D3B31**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **60737E**, and **041821** is the 20% darker color. If you saturate the color by 10%, you get **29404D**, and if you desaturate by 10%, it is **39464D**.

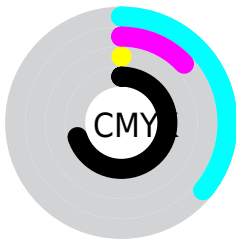
Distribution



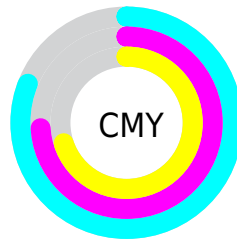
- Red (19%)
- Green (26%)
- Blue (30%)



- Red (19%)
- Yellow (24%)
- Blue (30%)



- Cyan (36%)
- Magenta (13%)
- Yellow (0%)
- Black (70%)



- Cyan (81%)
- Magenta (74%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31434D 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 31434D by changing the saturation by 10% instead.

■ 31434D

■ 31434D

FFFFFF

■ 1B2D36

■ 60737E

■ 041821

■ 798C98

■ 000009

■ 93A7B3

■ 000000

■ AEC2CE

■ CADEEA

■ E6FAFF

■ 31434D

■ 31434D

■ 29404D

■ 39464D

■ 223D4D

■ 40494D

■ 1A3B4D

■ 484B4D

■ 12384D

■ 504E4D

■ 0B354D

■ 58514D

■ 03334D

■ 5F544D

■ 00314D

■ 67564D

■ 6F594D

■ 765C4D

Harmonies

Analogous

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



2D4448



31434D



39414F

Triad

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



31434D



4F3B40



3D4234

Complementary

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



31434D



4D3B31

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.



454032



31434D



4F3C39

Square

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



31434D



4A3C47



4C3E34



35443A

Rectangle

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



31434D



403F4E



4C3E34



404233

Sweetspot

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



31434D



596063



314D3B



2C3133



B3B3B3



333333

Same Dimension

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



31434D



385463



31354D



222526



004266



0094E6

Inverse Universe

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



4D3143



633854



4D4931



262225



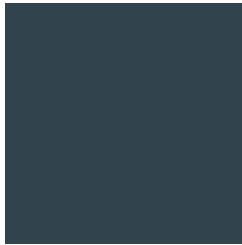
660042



E60094

Previews

White Background



This preview shows how the Hex color 31434D 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

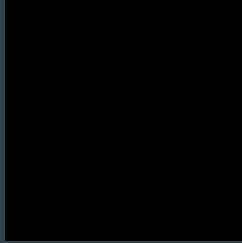
Any Text WCAG AA × Fail

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 31434D Background



This preview shows how black text looks on a background with the Hex color 31434D.



This preview shows how white text looks on a background with the Hex color 31434D.

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](#).

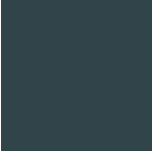
Dichromacy



Original Color
31434D

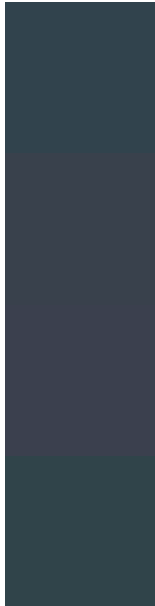
Protanopia
3E404B

Deuteranopia
403F4E



Tritanopia
304449

Trichromacy



Original Color
31434D

Protanomaly
39414C

Deuteranomaly
3B404E

Tritanomaly
30444A

Monochromacy



Original Color
31434D

Achromatopsia
3F3F3F

Achromatomaly
3A4044

CSS Examples

Text

The CSS property to change the color of the text to Hex 31434D 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 #31434D looks like.

```
.text, #text, p{  
    color:#31434D  
}
```

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 #31434D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31434D
}
```

Border

The CSS property to change the border of an element to Hex 31434D is called "border". The border property can be set on classes, ids or directly on the HTML element.

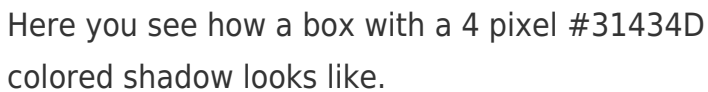
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31434D }
```

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

```
.border{ border-color:#31434D }
```

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



Here you see how a box with a 4 pixel #31434D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31434D; -webkit-box-shadow:4px 4px  
4px 4px #31434D; box-shadow:4px 4px 4px  
4px #31434D }
```

Background

The CSS property to change the background color of an element to Hex 31434D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31434D }
```

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

```
.background{ background-color:#31434D }
```

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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