

Converting Colors

Hex(31393C)

Have a look what the booklet for
Hex(31393C) contains.

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Color

Hex(31393C)

Conversions

Conversions Part 1

Format	Color
Hex	31393C
RGB	49, 57, 60
RGB Percent	19%, 22%, 24%
CMY	0.8078, 0.7765, 0.7647
CMYK	0.18, 0.05, 0.00, 0.76
HSL	196°, 10%, 21%
HSV	196°, 18%, 24%
XYZ	3.5454, 3.9055, 4.8419
YIQ	54.9500, -5.7310, -0.7630

Conversions

Conversions Part 2

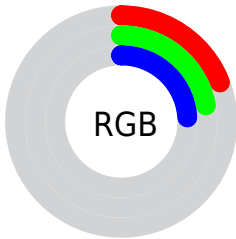
Format	Color
RYB	49, 54, 60
Decimal	3225916
CIELab	23.36, -2.58, -3.00
CIElCh	23, 3.956, 229.338
Yxy	3.9055, 0.2884, 0.3177
Android (android.graphics.Color)	4281415996 (0xFF31393C)
YUV	54.9500, 2.4896, -5.2182
Hunter-Lab	19.7623, -2.5609, -0.6930

Details

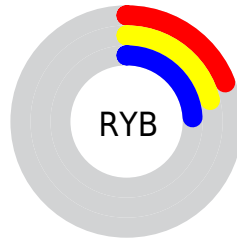
The Hex color **31393C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C3431**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5F686B**, and **020E12** is the 20% darker color. If you saturate the color by 10%, you get **2B373C**, and if you desaturate by 10%, it is **373B3C**.

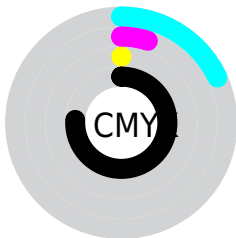
Distribution



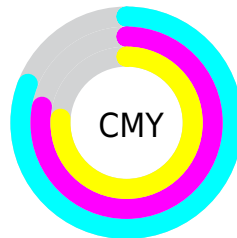
- Red (19%)
- Green (22%)
- Blue (24%)



- Red (19%)
- Yellow (21%)
- Blue (24%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (76%)



- Cyan (81%)
- Magenta (78%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31393C 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 31393C by changing the saturation by 10% instead.



31393C



31393C

FFFFFF



1C2426



5F686B



020E12



788184



000000



929B9F



ACB6B9



C8D1D5



E4EEF1



31393C



31393C



2B373C



373B3C

■ 25363C

■ 3D3C3C

■ 1F343C

■ 433E3C

■ 19323C

■ 49403C

■ 13313C

■ 4F413C

■ 0D2F3C

■ 55433C

■ 072E3C

■ 5B443C

■ 012C3C

■ 61463C

■ 002C3C

■ 67483C

Harmonies

Analogous

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



303939



31393C



33383D

Triad

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



31393C



3D3639



383832

Complementary

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



31393C



3C3431

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.



3B3732



31393C



3E3636

Square

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



31393C



3B363C



3D3633



353934

Rectangle

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



31393C



36383D



3D3633



393832

Sweetspot

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



31393C



4A4E4F



313C34



262829



A8A8A8



292929

Same Dimension

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



31393C



3E4A4F



31343C



1C1E1F



00455E



00A1DE

Inverse Universe

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



3C3139



4F3E4A



3C3931



1F1C1E



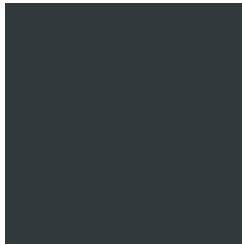
5E0045



DE00A1

Previews

White Background



This preview shows how the Hex color 31393C looks on a white background.

Color Contrast Check

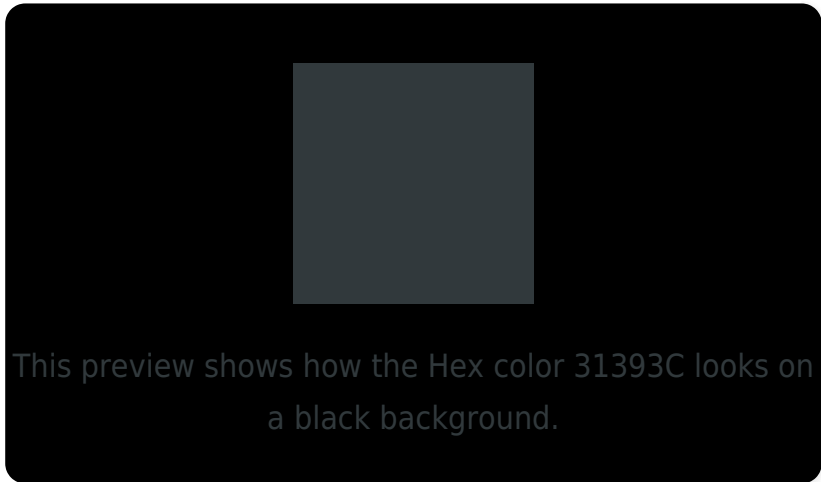
Large Text (above 18pt) WCAG AA ✓ Pass

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

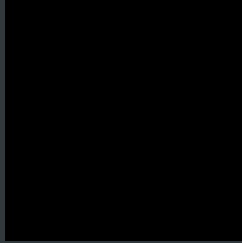
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

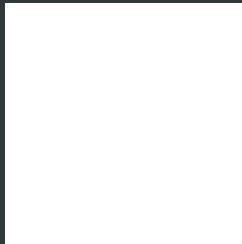
Any Text WCAG AAA × Fail

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

Hex 31393C Background



This preview shows how black text looks on a background with the Hex color 31393C.



This preview shows how white text looks on a background with the Hex color 31393C.

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](#).

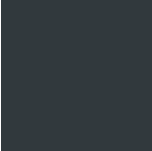
Dichromacy



Original Color
31393C

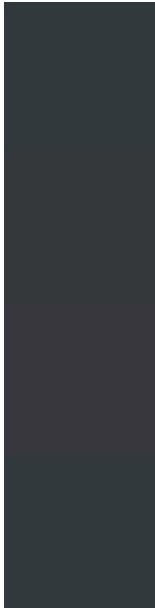
Protanopia
38373B

Deuteranopia
3B363D



Tritanopia
31393D

Trichromacy



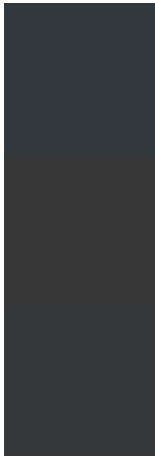
Original Color
31393C

Protanomaly
35383B

Deuteranomaly
37373D

Tritanomaly
31393D

Monochromacy



Original Color
31393C

Achromatopsia
373737

Achromatomaly
353839

CSS Examples

Text

The CSS property to change the color of the text to Hex 31393C 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 #31393C looks like.

```
.text, #text, p{  
    color:#31393C  
}
```

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 #31393C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31393C
}
```

Border

The CSS property to change the border of an element to Hex 31393C is called "border". The border property can be set on classes, ids or directly on the HTML element.

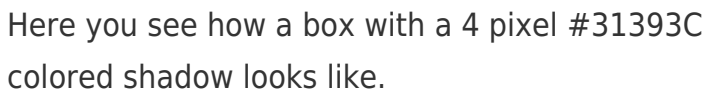
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31393C }
```

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

```
.border{ border-color:#31393C }
```

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



Here you see how a box with a 4 pixel #31393C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31393C; -webkit-box-shadow:4px 4px  
4px 4px #31393C; box-shadow:4px 4px 4px  
4px #31393C }
```

Background

The CSS property to change the background color of an element to Hex 31393C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31393C }
```

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

```
.background{ background-color:#31393C }
```

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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