

Converting Colors

Hex(31385C)

Have a look what the booklet for
Hex(31385C) contains.

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Color

Hex(31385C)

Conversions

Conversions Part 1

Format	Color
Hex	31385C
RGB	49, 56, 92
RGB Percent	19%, 22%, 36%
CMY	0.8078, 0.7804, 0.6392
CMYK	0.47, 0.39, 0.00, 0.64
HSL	230°, 30%, 28%
HSV	230°, 47%, 36%
XYZ	4.6126, 4.2540, 10.7032
YIQ	58.0110, -15.7280, 9.7120

Conversions

Conversions Part 2

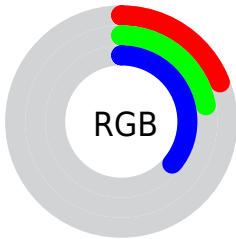
Format	Color
RYB	49, 55, 92
Decimal	3225692
CIELab	24.49, 7.83, -22.49
CIELCh	24, 23.811, 289.209
Yxy	4.2540, 0.2357, 0.2174
Android (android.graphics.Color)	4281415772 (0xFF31385C)
YUV	58.0110, 16.7566, -7.9026
Hunter-Lab	20.6253, 3.8249, -16.3301




Details

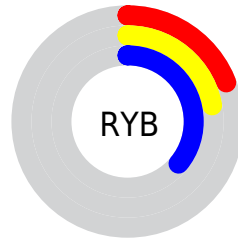
The Hex color **31385C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5C5531**, and the grayscale version is **3A3A3A**.




A 20% lighter version of the original color is **62678E**, and **020D2E** is the 20% darker color. If you saturate the color by 10%, you get **28305C**, and if you desaturate by 10%, it is **3A405C**.

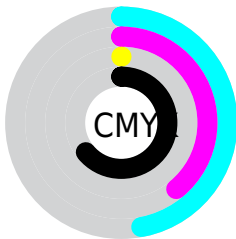
Distribution







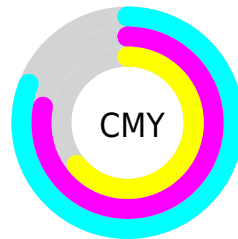
-  Red (19%)
-  Green (22%)
-  Blue (36%)






-  Red (19%)
-  Yellow (22%)
-  Blue (36%)



-  Cyan (47%)
-  Magenta (39%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (81%)
-  Magenta (78%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31385C 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 31385C by changing the saturation by 10% instead.

■ 31385C

■ 31385C

FFFFFF

■ 192344

■ 62678E

■ 020D2E

■ 7B80A9

■ 000119

■ 959AC4

■ 000000

■ B0B4E0

■ CCD0FD

■ E9ECFF

■ 31385C

■ 31385C

■ 28305C

■ 3A405C

■ 1F295C

■ 43475C

■ 15215C

■ 4D4F5C

■ 0C195C

■ 56575C

■ 03115C

■ 5F5F5C

■ 000F5C

■ 68665C

■ 716E5C

■ 7B765C

■ 847D5C

Harmonies

Analogous

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



033E5D



31385C



4A3152

Triad

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



31385C



573020



024333

Complementary

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



31385C



5C5531

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.



254122



31385C



4A3716

Square

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



31385C



5C2C2F



393D17



004345

Rectangle

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



31385C



552D47



393D17



12422D

Sweetspot

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



31385C



676A78



315C55



33343D



BDBDBD



3D3D3D

Same Dimension

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



31385C



354078



3F315C



292A2E



00126E



0027ED

Inverse Universe

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



5C3138



783540



4E5C31



2E292A



6E0012



ED0027

Previews

White Background



This preview shows how the Hex color 31385C looks on a white background.

Color Contrast Check

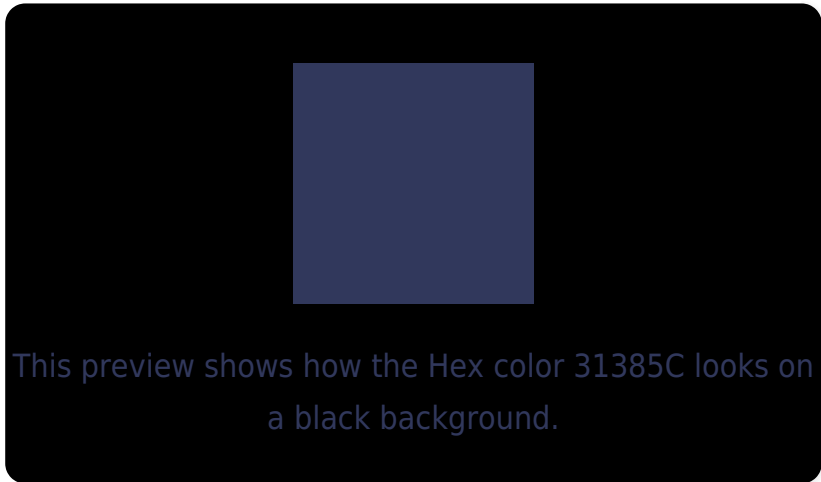
Large Text (above 18pt) WCAG AA ✓ Pass

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

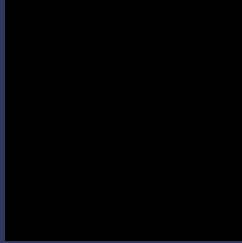
Any Text WCAG AA × Fail

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 31385C Background



This preview shows how black text looks on a background with the Hex color 31385C.



This preview shows how white text looks on a background with the Hex color 31385C.

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](#).

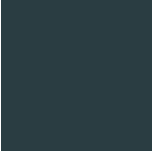
Dichromacy



Original Color
31385C

Protanopia
2C395D

Deuteranopia
283A5C



Tritanopia
2A3D42

Trichromacy



Original Color
31385C

Protanomaly
2E395D

Deuteranomaly
2B395C

Tritanomaly
2D3B4B

Monochromacy



Original Color
31385C

Achromatopsia
3A3A3A

Achromatomaly
373946

CSS Examples

Text

The CSS property to change the color of the text to Hex 31385C 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 #31385C looks like.

```
.text, #text, p{  
    color:#31385C  
}
```

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 #31385C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31385C  
}
```

Border

The CSS property to change the border of an element to Hex 31385C is called "border". The border property can be set on classes, ids or directly on the HTML element.

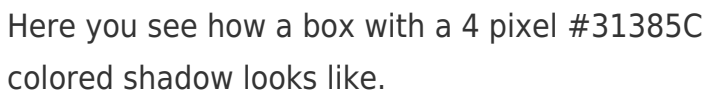
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#31385C }
```

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

```
.border{ border-color:#31385C }
```

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



Here you see how a box with a 4 pixel #31385C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31385C; -webkit-box-shadow:4px 4px  
4px 4px #31385C; box-shadow:4px 4px 4px  
4px #31385C }
```

Background

The CSS property to change the background color of an element to Hex 31385C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31385C }
```

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

```
.background{ background-color:#31385C }
```

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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