

Converting Colors

Hex(31382B)

Have a look what the booklet for
Hex(31382B) contains.

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Color

Hex(31382B)

Conversions

Conversions Part 1

Format	Color
Hex	31382B
RGB	49, 56, 43
RGB Percent	19%, 22%, 17%
CMY	0.8078, 0.7804, 0.8314
CMYK	0.13, 0.00, 0.23, 0.78
HSL	92°, 13%, 19%
HSV	92°, 23%, 22%
XYZ	3.1168, 3.6557, 2.8269
YIQ	52.4250, 0.0010, -5.5270

Conversions

Conversions Part 2

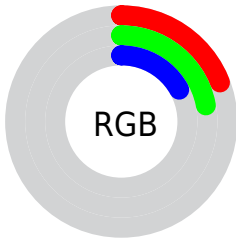
Format	Color
RYB	43, 56, 50
Decimal	3225643
CIELab	22.50, -5.90, 7.16
CIElCh	22, 9.277, 129.522
Yxy	3.6557, 0.3247, 0.3808
Android (android.graphics.Color)	4281415723 (0xFF31382B)
YUV	52.4250, -4.6465, -3.0037
Hunter-Lab	19.1200, -4.3618, 4.6181

Details

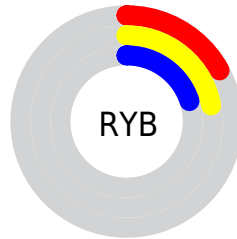
The Hex color **31382B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **322B38**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **5F6758**, and **000D00** is the 20% darker color. If you saturate the color by 10%, you get **2E3825**, and if you desaturate by 10%, it is **343831**.

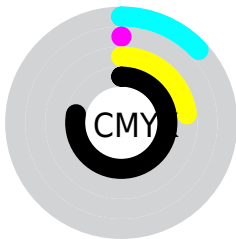
Distribution



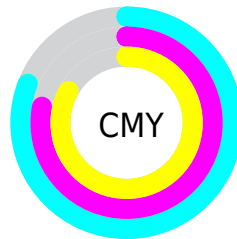
- Red (19%)
- Green (22%)
- Blue (17%)



- Red (17%)
- Yellow (22%)
- Blue (20%)



- Cyan (13%)
- Magenta (0%)
- Yellow (23%)
- Black (78%)



- Cyan (81%)
- Magenta (78%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31382B 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 31382B by changing the saturation by 10% instead.



31382B



31382B

FFFFFF



1C2317



5F6758



000D00



788071



000000



929A8A



ACB5A5



C8D0C0



E4ECDC



FFFFFF8



31382B



31382B

■ 2E3825

■ 343831

■ 2B3820

■ 373836

■ 28381A

■ 3A383C

■ 253815

■ 3D3841

■ 22380F

■ 403847

■ 1F3809

■ 43384D

■ 1C3804

■ 463852

■ 1A3800

■ 493858

■ 4C385D

Harmonies

Analogous

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



393628



31382B



293931

Triad

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



31382B



283842



443134

Complementary

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



31382B



322B38

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.



41313B



31382B



313643

Square

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



31382B



23393E



3A3340



43322D

Rectangle

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



31382B



253A35



3A3340



433136

Sweetspot

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



31382B



474A45



38322B



252623



A6A6A6



262626

Same Dimension

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



31382B



3F4A35



2B382B



1B1C19



2A5C00



65DB00

Inverse Universe

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



322B38



40354A



382B38



1B191C



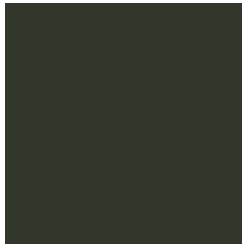
31005C



7600DB

Previews

White Background



This preview shows how the Hex color 31382B looks on a white background.

Color Contrast Check

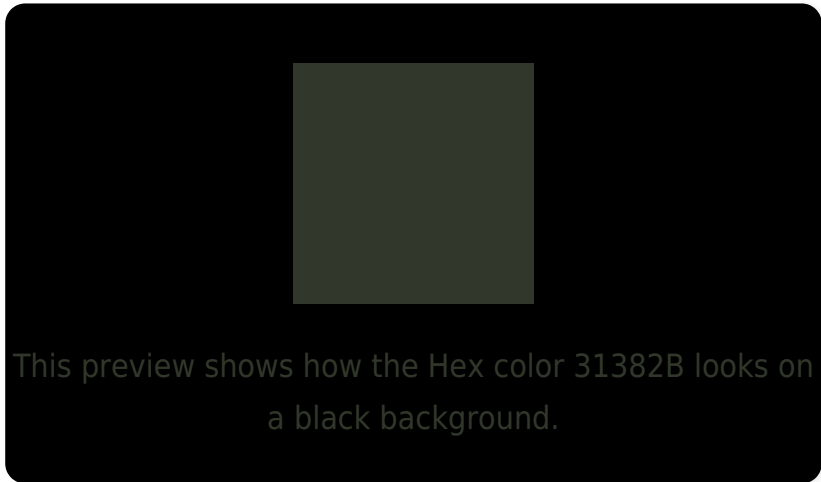
Large Text (above 18pt) WCAG AA ✓ Pass

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

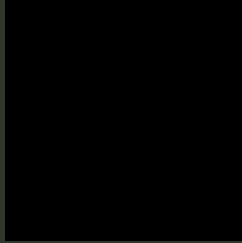
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

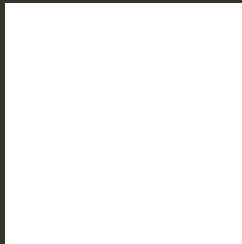
Any Text WCAG AAA × Fail

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

Hex 31382B Background



This preview shows how black text looks on a background with the Hex color 31382B.

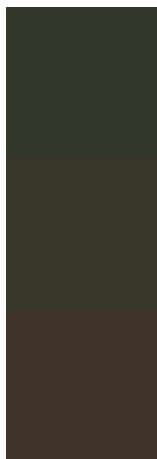


This preview shows how white text looks on a background with the Hex color 31382B.

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](#).

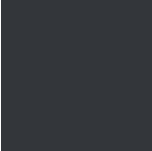
Dichromacy



Original Color
31382B

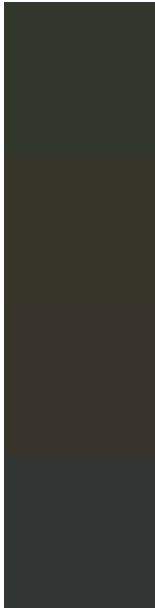
Protanopia
39362A

Deuteranopia
3E342C



Tritanopia
33363A

Trichromacy



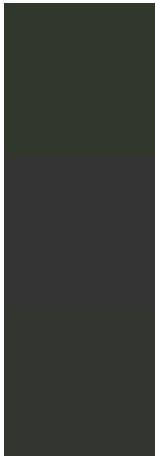
Original Color
31382B

Protanomaly
36372A

Deuteranomaly
39352C

Tritanomaly
323735

Monochromacy



Original Color
31382B

Achromatopsia
343434

Achromatomaly
333531

CSS Examples

Text

The CSS property to change the color of the text to Hex 31382B 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 #31382B looks like.

```
.text, #text, p{  
    color:#31382B  
}
```

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 #31382B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31382B
}
```

Border

The CSS property to change the border of an element to Hex 31382B is called "border". The border property can be set on classes, ids or directly on the HTML element.

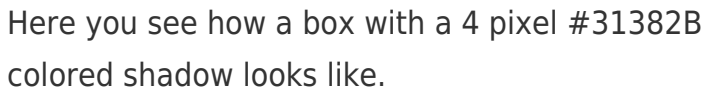
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31382B }
```

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

```
.border{ border-color:#31382B }
```

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



Here you see how a box with a 4 pixel #31382B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31382B; -webkit-box-shadow:4px 4px  
4px 4px #31382B; box-shadow:4px 4px 4px  
4px #31382B }
```

Background

The CSS property to change the background color of an element to Hex 31382B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31382B }
```

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

```
.background{ background-color:#31382B }
```

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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