

Converting Colors

Hex(31272E)

Have a look what the booklet for
Hex(31272E) contains.

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Color

Hex(31272E)

Conversions

Conversions Part 1

Format	Color
Hex	31272E
RGB	49, 39, 46
RGB Percent	19%, 15%, 18%
CMY	0.8078, 0.8471, 0.8196
CMYK	0.00, 0.20, 0.06, 0.81
HSL	318°, 11%, 17%
HSV	318°, 20%, 19%
XYZ	2.4853, 2.3013, 2.8980
YIQ	42.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

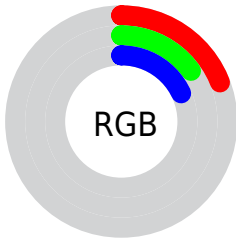
Format	Color
R _Y B	49, 39, 46
Decimal	3221294
CIE Lab	16.99, 6.19, -2.83
CIE LCh	17, 6.801, 335.447
Yxy	2.3013, 0.3234, 0.2995
Android (android.graphics.Color)	4281411374 (0xFF31272E)
YUV	42.7880, 1.5835, 5.4479
Hunter-Lab	15.1699, 2.6963, -0.7075

Details

The Hex color **31272E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **27312A**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5F545C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **31222D**, and if you desaturate by 10%, it is **312C2F**.

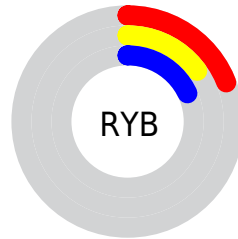
Distribution



Red (19%)

Green (15%)

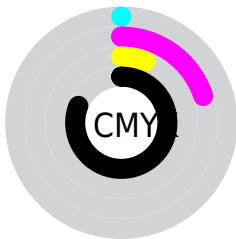
Blue (18%)



Red (19%)

Yellow (15%)

Blue (18%)

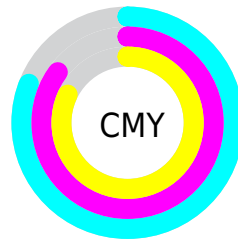


Cyan (0%)

Magenta (20%)

Yellow (6%)

Black (81%)



Cyan (81%)

Magenta (85%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31272E 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 31272E by changing the saturation by 10% instead.

■ 31272E

■ 31272E

FFFFFF

■ 1C1319

■ 5F545C

■ 000000

■ 786C74

■ 92858E

■ ACA0A8

■ C8BBC3

■ E4D6DF

■ FFF3FC

■ 31272E

■ 31272E

■ 31222D

■ 312C2F

■ 311D2B

■ 313131

■ 31182A

■ 313632

■ 311328

■ 313B34

■ 310F27

■ 314035

■ 310A25

■ 314437

■ 310524

■ 314938

■ 310022

■ 314E3A

■ 31533B

Harmonies

Analogous

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



2C2832



31272E



342629

Triad

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



31272E



2D2A20



1D2C2F

Complementary

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



31272E



27312A

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.



1E2D2B



31272E



272B22

Square

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



31272E



312821



222C26



202B33

Rectangle

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



31272E



342726



222C26



1D2D2E

Sweetspot

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



31272E



403C3F



2A2731



211F20



A1A1A1



212121

Same Dimension

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



31272E



40303B



312729



1A1719



59003E



D90098

Inverse Universe

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



31272E



40303B



27312F



1A1719



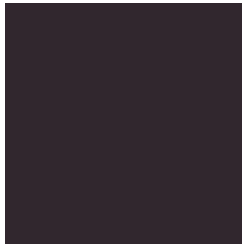
59003E



D90098

Previews

White Background



This preview shows how the Hex color 31272E looks on a white background.

Color Contrast Check

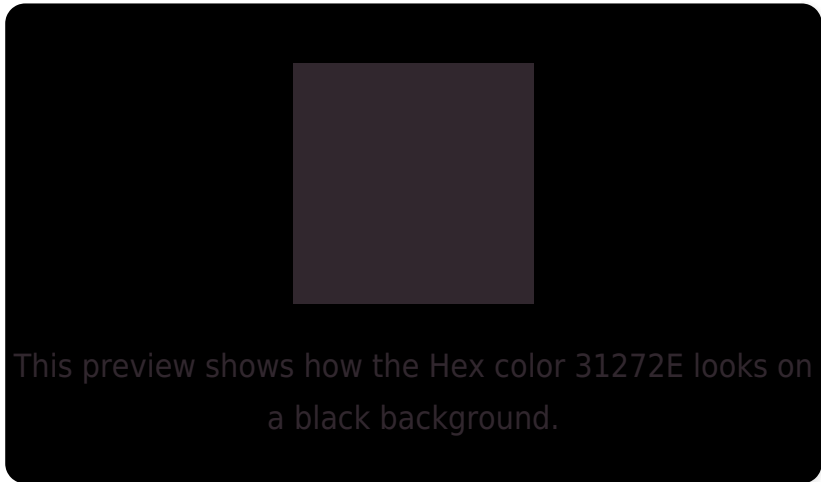
Large Text (above 18pt) WCAG AA ✓ Pass

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

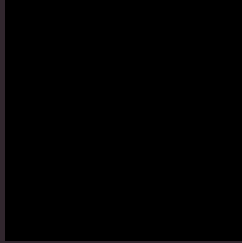
Any Text WCAG AA × Fail

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 31272E Background



This preview shows how black text looks on a background with the Hex color 31272E.

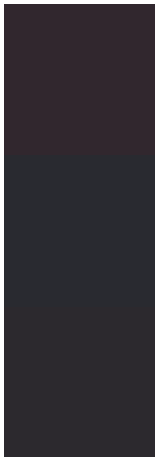


This preview shows how white text looks on a background with the Hex color 31272E.

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
31272E

Protanopia
292A30

Deuteranopia
2C292E



Tritanopia
31282B

Trichromacy



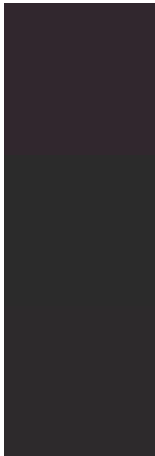
Original Color
31272E

Protanomaly
2C292F

Deuteranomaly
2E282E

Tritanomaly
31282C

Monochromacy



Original Color
31272E

Achromatopsia
2B2B2B

Achromatomaly
2D2A2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 31272E 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 #31272E looks like.

```
.text, #text, p{  
    color:#31272E  
}
```

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 #31272E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31272E
}
```

Border

The CSS property to change the border of an element to Hex 31272E is called "border". The border property can be set on classes, ids or directly on the HTML element.

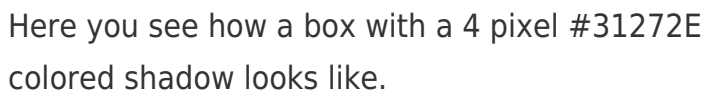
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31272E }
```

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

```
.border{ border-color:#31272E }
```

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



Here you see how a box with a 4 pixel #31272E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31272E; -webkit-box-shadow:4px 4px  
4px 4px #31272E; box-shadow:4px 4px 4px  
4px #31272E }
```

Background

The CSS property to change the background color of an element to Hex 31272E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31272E }
```

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

```
.background{ background-color:#31272E }
```

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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