

Converting Colors

Hex(022831)

Have a look what the booklet for
Hex(022831) contains.

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Color

Hex(022831)

Conversions

Conversions Part 1

Format	Color
Hex	022831
RGB	2, 40, 49
RGB Percent	1%, 16%, 19%
CMY	0.9922, 0.8431, 0.8078
CMYK	0.96, 0.18, 0.00, 0.81
HSL	191°, 92%, 10%
HSV	191°, 96%, 19%
XYZ	1.3382, 1.7522, 3.1734
YIQ	29.6640, -25.5370, -5.2570

Conversions

Conversions Part 2

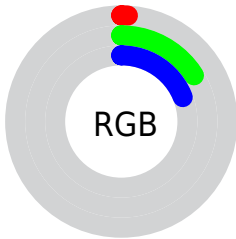
Format	Color
RYB	2, 23, 49
Decimal	141361
CIELab	14.13, -9.13, -9.60
CIElCh	14, 13.252, 226.432
Yxy	1.7522, 0.2136, 0.2797
Android (android.graphics.Color)	4278331441 (0xFF022831)
YUV	29.6640, 9.5326, -24.2613
Hunter-Lab	13.2372, -5.1199, -4.9478

Details

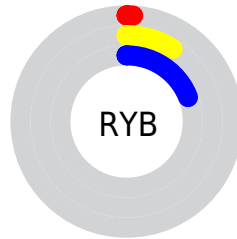
The Hex color **022831** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **310B02**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **34555F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002831**, and if you desaturate by 10%, it is **072931**.

Distribution



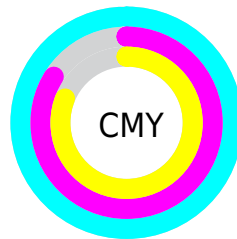
- Red (1%)
- Green (16%)
- Blue (19%)



- Red (1%)
- Yellow (9%)
- Blue (19%)



- Cyan (96%)
- Magenta (18%)
- Yellow (0%)
- Black (81%)



- Cyan (99%)
- Magenta (84%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 022831 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 022831 by changing the saturation by 10% instead.

022831

022831

EDFFFF

00141C

34555F

000000

4C6D78

658792

7FA1AC

99BCC7

B4D8E3

D0F4FF

022831

022831

■ 002831

■ 072931

■ 0C2A31

■ 112B31

■ 162C31

■ 1B2D31

■ 1F2E31

■ 242F31

■ 293031

■ 2E3031

Harmonies

Analogous

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



032929



022831



0F2636

Triad

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



022831



331D28



252512

Complementary

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



022831



310B02

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.



2E2212



022831



361D1F

Square

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



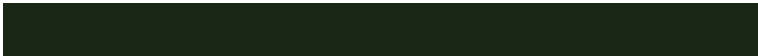
022831



2B2031



341F17



1A2717

Rectangle

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



022831



1A2436



341F17



282411

Sweetspot

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



022831



2D3C40



02310B



161F21



A1A1A1



212121

Same Dimension

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



022831



003440



021131



17191A



004859



00AFD9

Inverse Universe

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



310228



400034



312202



1A1719



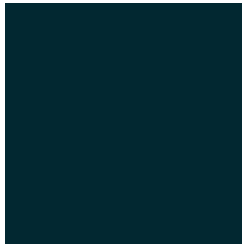
590048



D900AF

Previews

White Background



This preview shows how the Hex color 022831 looks on a white background.

Color Contrast Check

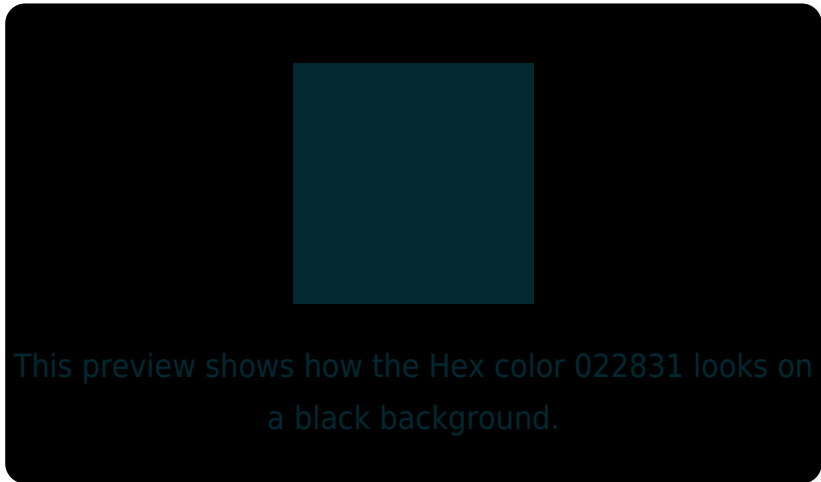
Large Text (above 18pt) WCAG AA ✓ Pass

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

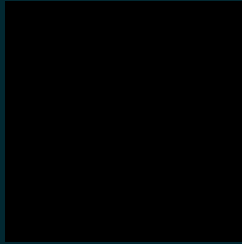
Any Text WCAG AA × Fail

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 022831 Background



This preview shows how black text looks on a background with the Hex color 022831.



This preview shows how white text looks on a background with the Hex color 022831.

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
022831

Protanopia
22242E

Deuteranopia
202432

Trichromacy



Original Color
022831

Protanomaly
16252F

Deuteranomaly
152532

Tritanomaly
01292E

Monochromacy



Original Color
022831

Achromatopsia
1E1E1E

Achromatomaly
142225

CSS Examples

Text

The CSS property to change the color of the text to Hex 022831 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 #022831 looks like.

```
.text, #text, p{  
    color:#022831  
}
```

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 #022831 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #022831
}
```

Border

The CSS property to change the border of an element to Hex 022831 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".

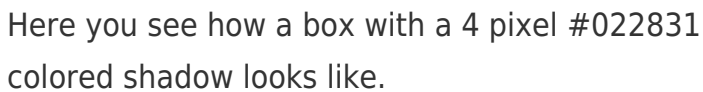
```
.border, #border, table{ border:4px solid
#022831 }
```

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

```
.border{ border-color:#022831 }
```

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

Here you see how a box with a 4 pixel #022831 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #022831; -webkit-box-shadow:4px 4px  
4px 4px #022831; box-shadow:4px 4px 4px  
4px #022831 }
```

Background

The CSS property to change the background color of an element to Hex 022831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#022831 }
```

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

```
.background{ background-color:#022831 }
```

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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