

Converting Colors

Hex(022926)

Have a look what the booklet for
Hex(022926) contains.

Hex(022926)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(022926)

Conversions

Conversions Part 1

Format	Color
Hex	022926
RGB	2, 41, 38
RGB Percent	1%, 16%, 15%
CMY	0.9922, 0.8392, 0.8510
CMYK	0.95, 0.00, 0.07, 0.84
HSL	175°, 91%, 8%
HSV	175°, 95%, 16%
XYZ	1.1678, 1.7387, 2.1078
YIQ	28.9970, -22.2810, -9.2010

Conversions

Conversions Part 2

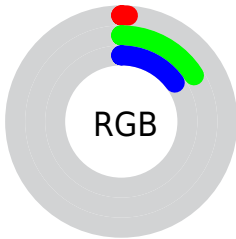
Format	Color
RYB	2, 22, 41
Decimal	141606
CIELab	14.05, -14.16, -1.89
CIElCh	14, 14.282, 187.597
Yxy	1.7387, 0.2329, 0.3468
Android (android.graphics.Color)	4278331686 (0xFF022926)
YUV	28.9970, 4.4385, -23.6764
Hunter-Lab	13.1861, -7.2667, -0.2472

Details

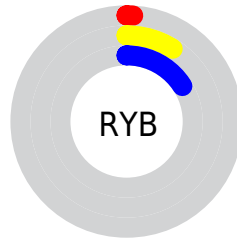
The Hex color **022926** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **290205**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **325753**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002926**, and if you desaturate by 10%, it is **062926**.

Distribution



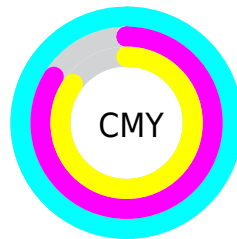
- Red (1%)
- Green (16%)
- Blue (15%)



- Red (1%)
- Yellow (9%)
- Blue (16%)



- Cyan (95%)
- Magenta (0%)
- Yellow (7%)
- Black (84%)



- Cyan (99%)
- Magenta (84%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 022926 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 022926 by changing the saturation by 10% instead.

022926

022926

EAFFFF

001611

325753

000000

4A6F6B

638884

7CA39E

96BEB9

B1DAD5

CDF6F1

022926

022926

■ 002926

■ 062926

■ 0A2927

■ 0E2927

■ 122927

■ 162928

■ 1B2928

■ 1F2928

■ 232929

■ 272929

Harmonies

Analogous

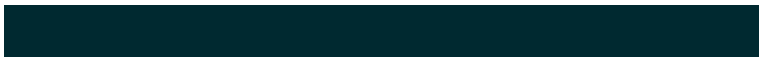
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10281C



022926



002930

Triad

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



022926



282034



302011

Complementary

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



022926



290205

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.



361D18



022926



321D2C

Square

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



022926



192437



371C22



28240F

Rectangle

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



022926



012734



371C22



331F13

Sweetspot

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



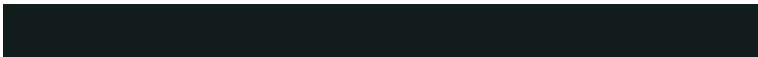
022926



263634



052902



121C1B



9C9C9C



1C1C1C

Same Dimension

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



022926



003631



021929



121414



00544E



00D4C3

Inverse Universe

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



290205



360004



291202



141213



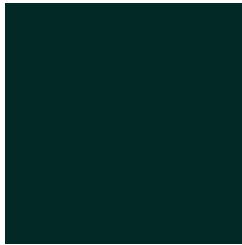
540006



D40010

Previews

White Background



This preview shows how the Hex color 022926 looks on a white background.

Color Contrast Check

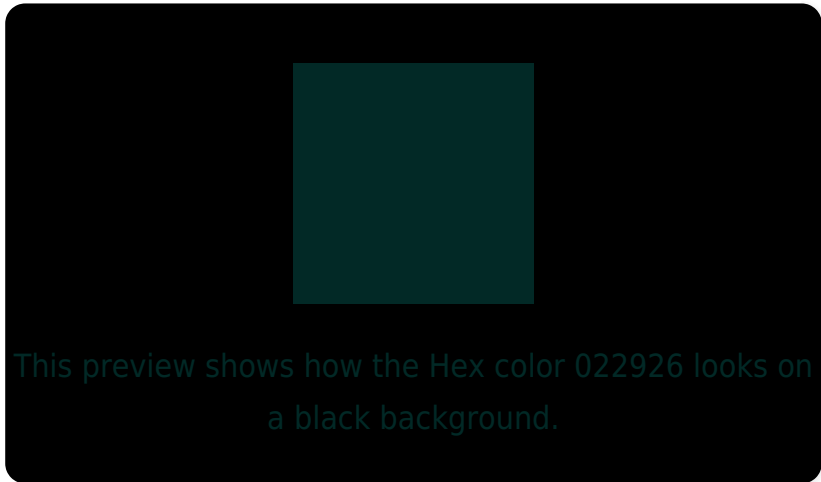
Large Text (above 18pt) WCAG AA ✓ Pass

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

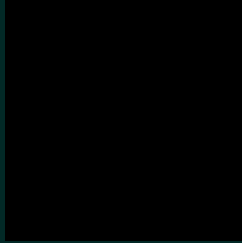
Any Text WCAG AA × Fail

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 022926 Background



This preview shows how black text looks on a background with the Hex color 022926.



This preview shows how white text looks on a background with the Hex color 022926.

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
022926

Protanopia
252423

Deuteranopia
272327



Tritanopia
0A282B

Trichromacy



Original Color
022926

Protanomaly
182624

Deuteranomaly
1A2527

Tritanomaly
072829

Monochromacy



Original Color
022926

Achromatopsia
1D1D1D

Achromatomaly
132120

CSS Examples

Text

The CSS property to change the color of the text to Hex 022926 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 #022926 looks like.

```
.text, #text, p{  
    color:#022926  
}
```

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 #022926 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #022926
}
```

Border

The CSS property to change the border of an element to Hex 022926 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
#022926 }
```

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

```
.border{ border-color:#022926 }
```

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

Here you see how a box with a 4 pixel #022926 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #022926; -webkit-box-shadow:4px 4px  
4px 4px #022926; box-shadow:4px 4px 4px  
4px #022926 }
```

Background

The CSS property to change the background color of an element to Hex 022926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#022926 }
```

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

```
.background{ background-color:#022926 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor