

# Converting Colors

Hex(022C2B)

Have a look what the booklet for  
Hex(022C2B) contains.

<b>Hex(022C2B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(022C2B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	022C2B
RGB	2, 44, 43
RGB Percent	1%, 17%, 17%
CMY	0.9922, 0.8275, 0.8314
CMYK	0.95, 0.00, 0.02, 0.83
HSL	179°, 91%, 9%
HSV	179°, 95%, 17%
XYZ	1.3618, 1.9887, 2.5976
YIQ	31.3280, -24.7110, -9.2150

# Conversions

## Conversions Part 2

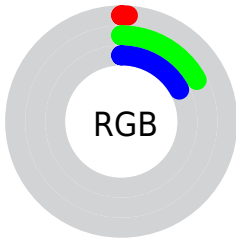
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 23, 44
Decimal	142379
CIE <sub>Lab</sub>	15.43, -14.03, -3.39
CIE <sub>LCh</sub>	15, 14.429, 193.584
Yxy	1.9887, 0.2289, 0.3343
Android (android.graphics.Color)	4278332459 (0xFF022C2B)
YUV	31.3280, 5.7543, -25.7207
Hunter-Lab	14.1021, -7.4419, -1.0497

# Details

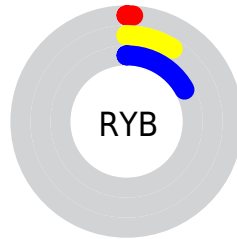
The Hex color **022C2B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2C0203**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **335A58**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002C2B**, and if you desaturate by 10%, it is **062C2B**.

# Distribution



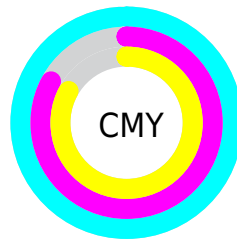
- Red (1%)
- Green (17%)
- Blue (17%)



- Red (1%)
- Yellow (9%)
- Blue (17%)



- Cyan (95%)
- Magenta (0%)
- Yellow (2%)
- Black (83%)



- Cyan (99%)
- Magenta (83%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 022C2B 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 022C2B by changing the saturation by 10% instead.



 022C2B

 022C2B

 ECF8FF

 001917

 335A58

 000000

 4C7271

 658C8A

 7EA6A4

 99C2BF

 B4DEDB

 D0FAF8

 022C2B

 022C2B

■ 002C2B

■ 062C2B

■ 0B2C2B

■ 0F2C2B

■ 142C2B

■ 182C2C

■ 1C2C2C

■ 212C2C

■ 252C2C

■ 2A2C2C

# Harmonies

## Analogous

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



102C20



022C2B



002B34

# Triad

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



022C2B



2E2235



322413

# Complementary

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



022C2B



2C0203

# 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.



382119



022C2B



371F2D

# Square

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



022C2B



1F263A



3A1F22



292712

# Rectangle

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



022C2B



062A39



3A1F22



352315



# Sweetspot

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



022C2B



283838



032C02



121C1C



9C9C9C



1C1C1C



# Same Dimension

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



022C2B



003837



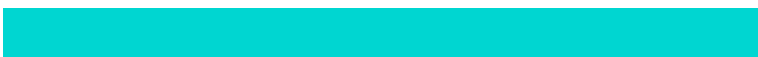
02182C



151717



005755



00D6D1



# Inverse Universe

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



2C0203



380001



2C1602



171515



570002

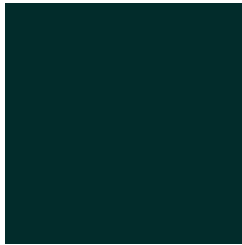


D60005



# Previews

## White Background



This preview shows how the Hex color 022C2B 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

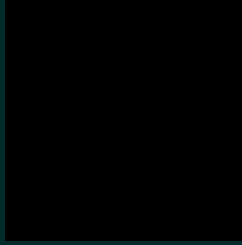
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

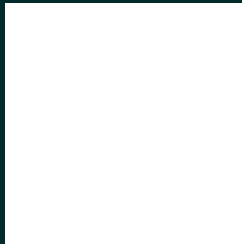
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 022C2B Background



This preview shows how black text looks on a background with the Hex color 022C2B.



This preview shows how white text looks on a background with the Hex color 022C2B.

# 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**  
022C2B

**Protanopia**  
282728

**Deuteranopia**  
29262C



**Tritanopia**  
092B2F

# Trichromacy



**Original Color**  
022C2B

**Protanomaly**  
1A2929

**Deuteranomaly**  
1B282C

**Tritanomaly**  
062B2E

# Monochromacy



**Original Color**  
022C2B

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
142423

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 022C2B 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 #022C2B looks like.

```
.text, #text, p{  
    color:#022C2B  
}
```

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 #022C2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #022C2B
}
```

## Border

The CSS property to change the border of an element to Hex 022C2B 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
#022C2B }
```

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

```
.border{ border-color:#022C2B }
```

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

Here you see how a box with a 4 pixel #022C2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #022C2B; -webkit-box-shadow:4px 4px  
4px 4px #022C2B; box-shadow:4px 4px 4px  
4px #022C2B }
```

# Background

The CSS property to change the background color of an element to Hex 022C2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#022C2B }
```

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

```
.background{ background-color:#022C2B }
```

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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