

Converting Colors

Hex(022B39)

Have a look what the booklet for
Hex(022B39) contains.

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Color

Hex(022B39)

Conversions

Conversions Part 1

Format	Color
Hex	022B39
RGB	2, 43, 57
RGB Percent	1%, 17%, 22%
CMY	0.9922, 0.8314, 0.7765
CMYK	0.96, 0.25, 0.00, 0.78
HSL	195°, 93%, 12%
HSV	195°, 96%, 22%
XYZ	1.6274, 2.0361, 4.1781
YIQ	32.3370, -28.9300, -4.3380

Conversions

Conversions Part 2

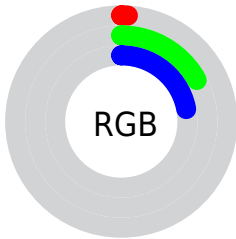
Format	Color
RYB	2, 25, 57
Decimal	142137
CIELab	15.68, -7.66, -12.85
CIELCh	16, 14.956, 239.192
Yxy	2.0361, 0.2075, 0.2596
Android (android.graphics.Color)	4278332217 (0xFF022B39)
YUV	32.3370, 12.1589, -26.6055
Hunter-Lab	14.2691, -4.6124, -7.3723

Details

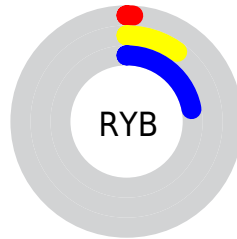
The Hex color **022B39** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **391002**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **365868**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **002A39**, and if you desaturate by 10%, it is **082C39**.

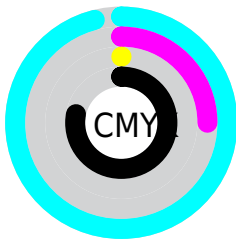
Distribution



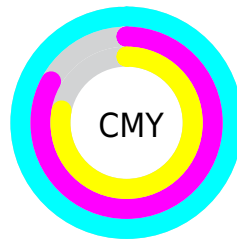
- Red (1%)
- Green (17%)
- Blue (22%)



- Red (1%)
- Yellow (10%)
- Blue (22%)



- Cyan (96%)
- Magenta (25%)
- Yellow (0%)
- Black (78%)




- Cyan (99%)
- Magenta (83%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 022B39 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 022B39 by changing the saturation by 10% instead.

 022B39

 022B39

 F1FFFF

 001723

 365868

 00010D

 4F7181

 000000

 688A9B

 82A5B6

 9DC0D2

 B8DCEE

 D4F8FF

 022B39

 022B39

■ 002A39

■ 082C39

■ 0D2E39

■ 132F39

■ 193139

■ 1F3239

■ 243439

■ 2A3539

■ 303739

■ 353839

Harmonies

Analogous

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



002C31



022B39



16283C

Triad

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



022B39



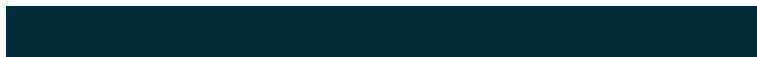
3B1F28



232A14

Complementary

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



022B39



391002

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.



2E2612



022B39



3B201D

Square

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



022B39



342132



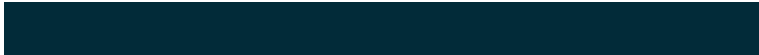
372315



172C1C

Rectangle

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



022B39



22263B



372315



272913

Sweetspot

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



022B39



35444A



023910



192326



A6A6A6



262626

Same Dimension

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



022B39



00374A



021039



191B1C



00445C



00A3DB

Inverse Universe

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



39022B



4A0037



392B02



1C191B



5C0044



DB00A3

Previews

White Background



This preview shows how the Hex color 022B39 looks on a white background.

Color Contrast Check

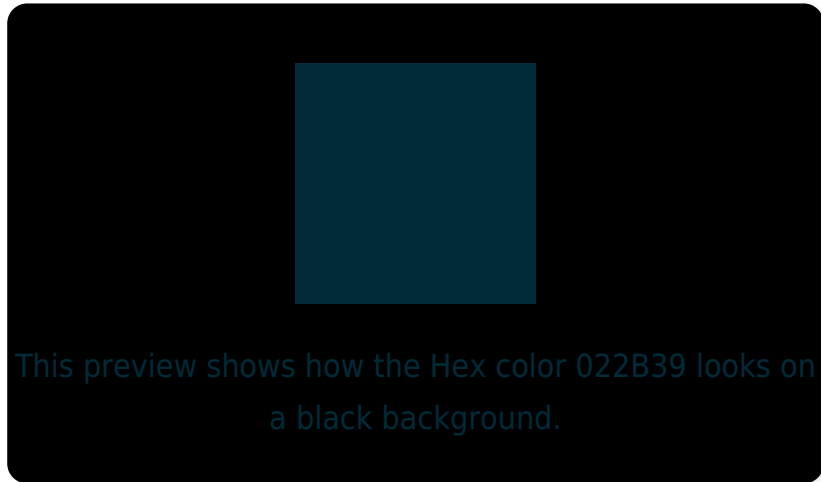
Large Text (above 18pt) WCAG AA ✓ Pass

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

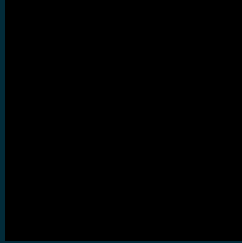
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

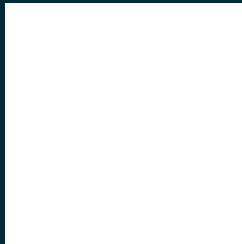
Any Text WCAG AAA × Fail

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

Hex 022B39 Background



This preview shows how black text looks on a background with the Hex color 022B39.



This preview shows how white text looks on a background with the Hex color 022B39.

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
022B39

Protanopia
232736

Deuteranopia
20273A

Trichromacy



Original Color
022B39

Protanomaly
172837

Deuteranomaly
15283A

Tritanomaly
012C33

Monochromacy



Original Color
022B39

Achromatopsia
202020

Achromatomaly
152429

CSS Examples

Text

The CSS property to change the color of the text to Hex 022B39 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 #022B39 looks like.

```
.text, #text, p{  
    color:#022B39  
}
```

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 #022B39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #022B39
}
```

Border

The CSS property to change the border of an element to Hex 022B39 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
#022B39 }
```

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

```
.border{ border-color:#022B39 }
```

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

Here you see how a box with a 4 pixel #022B39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #022B39; -webkit-box-shadow:4px 4px  
4px 4px #022B39; box-shadow:4px 4px 4px  
4px #022B39 }
```

Background

The CSS property to change the background color of an element to Hex 022B39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#022B39 }
```

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

```
.background{ background-color:#022B39 }
```

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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