

Converting Colors

Hex(021D39)

Have a look what the booklet for
Hex(021D39) contains.

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Color

Hex(021D39)

Conversions

Conversions Part 1

Format	Color
Hex	021D39
RGB	2, 29, 57
RGB Percent	1%, 11%, 22%
CMY	0.9922, 0.8863, 0.7765
CMYK	0.96, 0.49, 0.00, 0.78
HSL	211°, 93%, 12%
HSV	211°, 96%, 22%
XYZ	1.2029, 1.1870, 4.0366
YIQ	24.1190, -25.0800, 2.9840

Conversions

Conversions Part 2

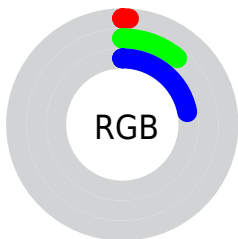
Format	Color
R_{YB}	2, 20, 57
Decimal	138553
CIE _{Lab}	10.46, 2.46, -21.07
CIE _{LCh}	10, 21.209, 276.668
Yxy	1.1870, 0.1872, 0.1847
Android (android.graphics.Color)	4278328633 (0xFF021D39)
YUV	24.1190, 16.2103, -19.3984
Hunter-Lab	10.8952, 0.6414, -14.3401

Details

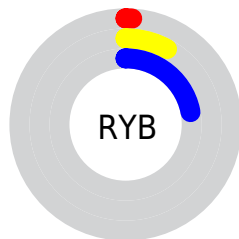
The Hex color **021D39** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **391E02**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **364868**, and **00000B** is the 20% darker color. If you saturate the color by 10%, you get **001C39**, and if you desaturate by 10%, it is **082039**.

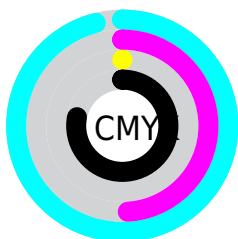
Distribution



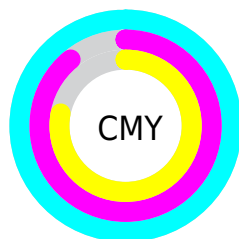
- Red (1%)
- Green (11%)
- Blue (22%)



- Red (1%)
- Yellow (8%)
- Blue (22%)



- Cyan (96%)
- Magenta (49%)
- Yellow (0%)
- Black (78%)



- Cyan (99%)
- Magenta (89%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 021D39 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 021D39 by changing the saturation by 10% instead.

021D39

021D39

FFFFFF

000224

364868

00000B

4E6082

000000

67789C

8192B7

9CADD2

B7C8EF

D3E4FF

021D39

021D39

■ 001C39

■ 082039

■ 0D2339

■ 132639

■ 192939

■ 1F2C39

■ 242E39

■ 2A3139

■ 303439

■ 353739

Harmonies

Analogous

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



002137



021D39



211734

Triad

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



021D39



351208



002310

Complementary

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



021D39



391E02

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.



142000



021D39



2E1700

Square

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



021D39



360E1A



221D00



00231F

Rectangle

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



021D39



2C132C



221D00



042209

Sweetspot

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



021D39



353F4A



02391E



191F26



A6A6A6



262626

Same Dimension

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



021D39



00244A



020239



191B1C



002D5C



006CDB

Inverse Universe

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



39021D



4A0024



393902



1C191B



5C002D



DB006C

Previews

White Background



This preview shows how the Hex color 021D39 looks on a white background.

Color Contrast Check

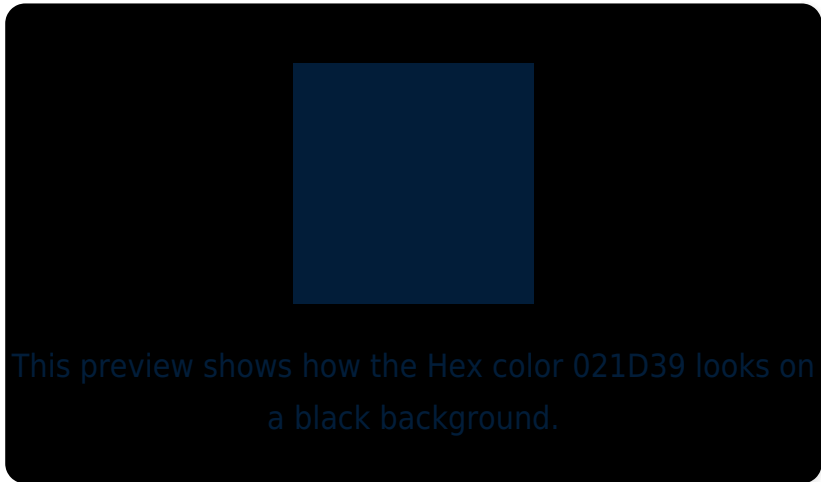
Large Text (above 18pt) WCAG AA ✓ Pass

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

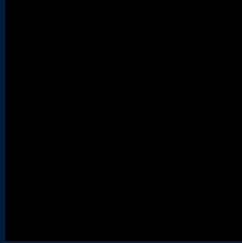
Any Text WCAG AA × Fail

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 021D39 Background



This preview shows how black text looks on a background with the Hex color 021D39.



This preview shows how white text looks on a background with the Hex color 021D39.

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
021D39

Protanopia
0D1C38

Deuteranopia
001E34

Trichromacy



Original Color
021D39

Protanomaly
091C38

Deuteranomaly
011E36

Monochromacy



Original Color
021D39

Achromatopsia
181818

Achromatomaly
101A24

CSS Examples

Text

The CSS property to change the color of the text to Hex 021D39 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 #021D39 looks like.

```
.text, #text, p{  
    color:#021D39  
}
```

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 #021D39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #021D39
}
```

Border

The CSS property to change the border of an element to Hex 021D39 is called "border". The border property can be set on classes, ids or directly on the HTML element.

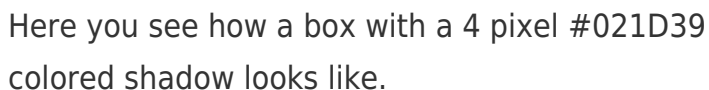
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#021D39 }
```

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

```
.border{ border-color:#021D39 }
```

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



Here you see how a box with a 4 pixel #021D39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #021D39; -webkit-box-shadow:4px 4px  
4px 4px #021D39; box-shadow:4px 4px 4px  
4px #021D39 }
```

Background

The CSS property to change the background color of an element to Hex 021D39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#021D39 }
```

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

```
.background{ background-color:#021D39 }
```

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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