

Converting Colors

Hex(021375)

Have a look what the booklet for
Hex(021375) contains.

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Color

Hex(021375)

Conversions

Conversions Part 1

Format	Color
Hex	021375
RGB	2, 19, 117
RGB Percent	1%, 7%, 46%
CMY	0.9922, 0.9255, 0.5412
CMYK	0.98, 0.84, 0.00, 0.54
HSL	231°, 97%, 23%
HSV	231°, 98%, 46%
XYZ	3.4688, 1.7630, 16.9871
YIQ	25.0890, -41.5900, 26.8740

Conversions

Conversions Part 2

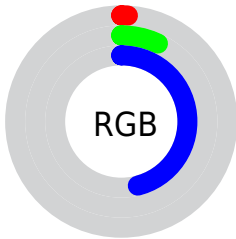
Format	Color
RYB	2, 17, 117
Decimal	136053
CIELab	14.19, 35.72, -55.61
CIELCh	14, 66.096, 302.710
Yxy	1.7630, 0.1561, 0.0793
Android (android.graphics.Color)	4278326133 (0xFF021375)
YUV	25.0890, 45.3121, -20.2491
Hunter-Lab	13.2778, 23.3964, -66.5587

Details

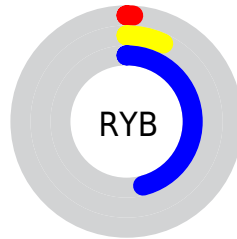
The Hex color **021375** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **756402**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **4D3FAA**, and **000043** is the 20% darker color. If you saturate the color by 10%, you get **001175**, and if you desaturate by 10%, it is **0E1D75**.

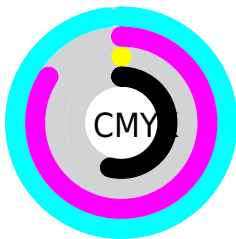
Distribution



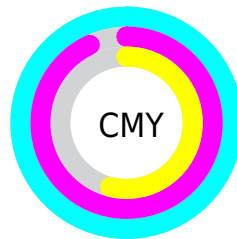
- Red (1%)
- Green (7%)
- Blue (46%)



- Red (1%)
- Yellow (7%)
- Blue (46%)



- Cyan (98%)
- Magenta (84%)
- Yellow (0%)
- Black (54%)



- Cyan (99%)
- Magenta (93%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 021375 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 021375 by changing the saturation by 10% instead.

■ 021375

■ 021375

■ FFF8FF

■ 00005C

■ 4D3FAA

■ 000043

■ 6A57C6

■ 00032C

■ 8670E2

■ 000116

■ A38AFF

■ 000000

■ BFA4FF

■ DDBFFF

■ FADBFF

■ 021375

■ 021375

■ 001175

■ 0E1D75

■ 192775

■ 253175

■ 313B75

■ 3D4575

■ 484F75

■ 545975

■ 606375

■ 6B6D75

Harmonies

Analogous

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



002C85



021375



590050

Triad

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



021375



4D0900



003427

Complementary

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



021375



756402

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.



003200



021375



2A2400

Square

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



021375



650000



002E00



003556

Rectangle

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



021375



690032



002E00



003317

Sweetspot

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



021375



6D7399



027564



32364D



CCCCCC



4D4D4D

Same Dimension

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



021375



001799



2A0275



35363B



00127A



0025FA

Inverse Universe

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



750213



990017



4D7502



3B3536



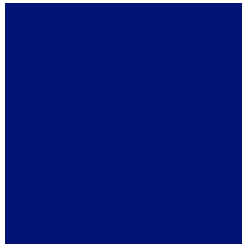
7A0012



FA0025

Previews

White Background



This preview shows how the Hex color 021375 looks on a white background.

Color Contrast Check

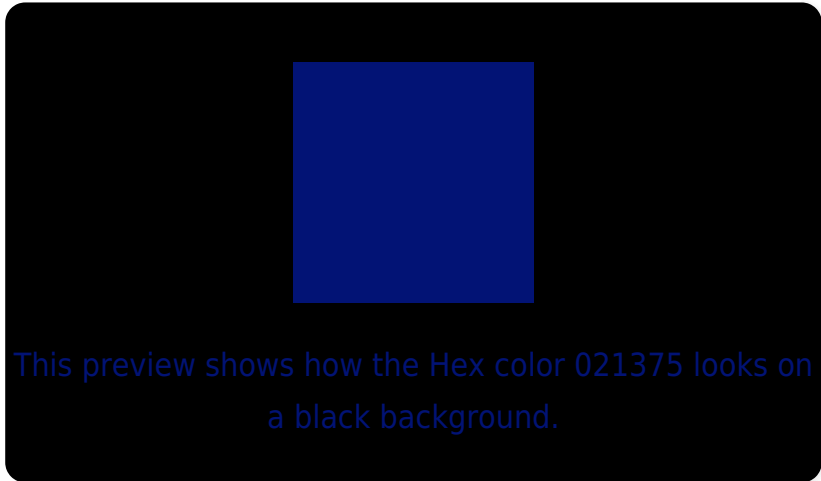
Large Text (above 18pt) WCAG AA ✓ Pass

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

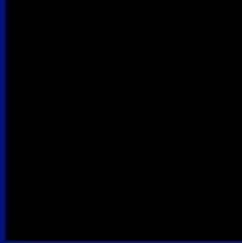
Any Text WCAG AA × Fail

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 021375 Background



This preview shows how black text looks on a background with the Hex color 021375.



This preview shows how white text looks on a background with the Hex color 021375.

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
021375

Protanopia
00254D

Deuteranopia
002742

Trichromacy



Original Color
021375

Protanomaly
011E5C

Deuteranomaly
012055

Tritanomaly
012247

Monochromacy



Original Color
021375

Achromatopsia
191919

Achromatomaly
11173A

CSS Examples

Text

The CSS property to change the color of the text to Hex 021375 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 #021375 looks like.

```
.text, #text, p{  
    color:#021375  
}
```

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 #021375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #021375
}
```

Border

The CSS property to change the border of an element to Hex 021375 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".

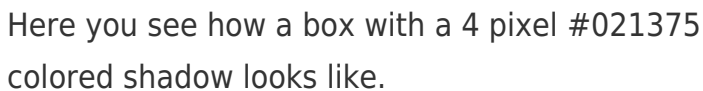
```
.border, #border, table{ border:4px solid
#021375 }
```

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

```
.border{ border-color:#021375 }
```

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

Here you see how a box with a 4 pixel #021375 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #021375; -webkit-box-shadow:4px 4px  
4px 4px #021375; box-shadow:4px 4px 4px  
4px #021375 }
```

Background

The CSS property to change the background color of an element to Hex 021375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#021375 }
```

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

```
.background{ background-color:#021375 }
```

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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