

Converting Colors

Hex(031B73)

Have a look what the booklet for
Hex(031B73) contains.

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Color

Hex(031B73)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 031B73 |
| RGB | 3, 27, 115 |
| RGB Percent | 1%, 11%, 45% |
| CMY | 0.9882, 0.8941, 0.5490 |
| CMYK | 0.97, 0.77, 0.00, 0.55 |
| HSL | 227°, 95%, 23% |
| HSV | 227°, 97%, 45% |
| XYZ | 3.5240, 2.0410, 16.4279 |
| YIQ | 29.8560, -42.5520, 22.2800 |

Conversions

Conversions Part 2

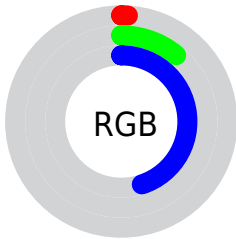
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 3, 23, 115 |
| Decimal | 203635 |
| CIE _{Lab} | 15.70, 30.08, -51.82 |
| CIE _{LCh} | 16, 59.915, 300.139 |
| Yxy | 2.0410, 0.1602, 0.0928 |
| Android (android.graphics.Color) | 4278393715 (0xFF031B73) |
| YUV | 29.8560, 41.9760, -23.5527 |
| Hunter-Lab | 14.2865, 19.0287, -58.1765 |

Details

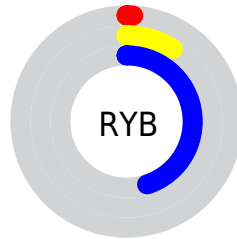
The Hex color **031B73** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **735B03**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **4C47A8**, and **000042** is the 20% darker color. If you saturate the color by 10%, you get **001973**, and if you desaturate by 10%, it is **0F2473**.

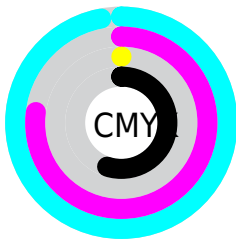
Distribution



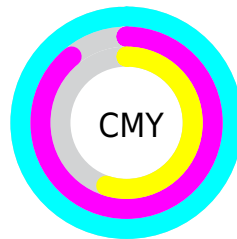
- Red (1%)
- Green (11%)
- Blue (45%)



- Red (1%)
- Yellow (9%)
- Blue (45%)



- Cyan (97%)
- Magenta (77%)
- Yellow (0%)
- Black (55%)



- Cyan (99%)
- Magenta (89%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 031B73 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 031B73 by changing the saturation by 10% instead.

■ 031B73

■ 031B73

FFFFFF

■ 00065A

■ 4C47A8

■ 000042

■ 685FC4

■ 00032A

■ 8477E0

■ 000115

■ A091FD

■ 000000

■ BDACFF

■ DAC7FF

■ F8E3FF

■ 031B73

■ 031B73

■ 001973

■ 0F2473

■ 1A2D73

■ 263673

■ 313F73

■ 3D4873

■ 485173

■ 545A73

■ 5F6373

■ 6B6C73

Harmonies

Analogous

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



002F7F



031B73



560053

Triad

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



031B73



510E00



003626

Complementary

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



031B73



735B03

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.



003400



031B73



312600

Square

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



031B73



660000



003000



003752

Rectangle

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



031B73



670037



003000



003617

Sweetspot

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



031B73



6B7496



03735B



32374D



CCCCCC



4D4D4D

Same Dimension

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



031B73



002096



230373



35363B



001A7A



0036FA

Inverse Universe

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



73031B



960020



537303



3B3536



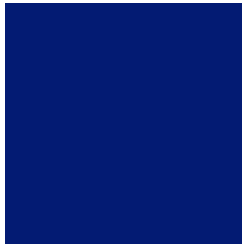
7A001A



FA0036

Previews

White Background



This preview shows how the Hex color 031B73 looks on a white background.

Color Contrast Check

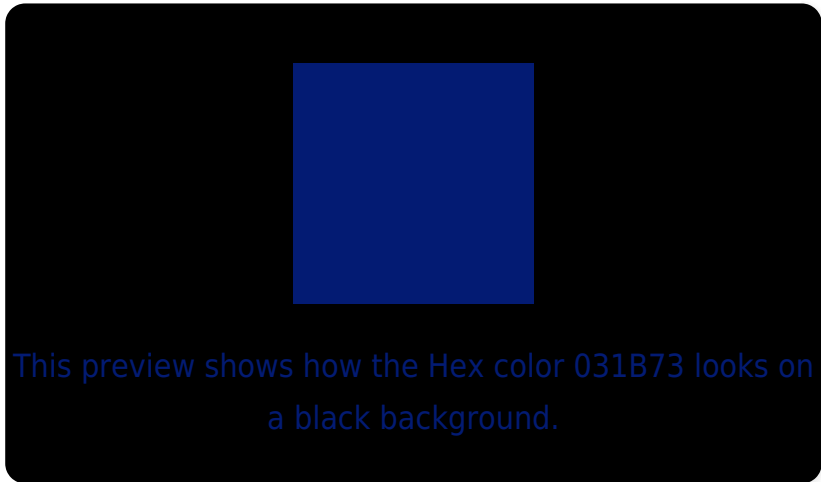
Large Text (above 18pt) WCAG AA ✓ Pass

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

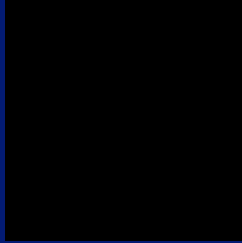
Any Text WCAG AA × Fail

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 031B73 Background



This preview shows how black text looks on a background with the Hex color 031B73.



This preview shows how white text looks on a background with the Hex color 031B73.

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
031B73

Protanopia
002752

Deuteranopia
002A46



Tritanopia
002D2F

Trichromacy



Original Color
031B73

Protanomaly
01235E

Deuteranomaly
012556

Tritanomaly
012648

Monochromacy



Original Color
031B73

Achromatopsia
1E1E1E

Achromatomaly
141D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 031B73 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 #031B73 looks like.

```
.text, #text, p{  
    color:#031B73  
}
```

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 #031B73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #031B73
}
```

Border

The CSS property to change the border of an element to Hex 031B73 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".

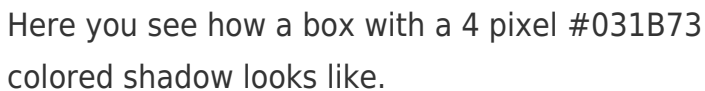
```
.border, #border, table{ border:4px solid
#031B73 }
```

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

```
.border{ border-color:#031B73 }
```

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

Here you see how a box with a 4 pixel #031B73 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border on the top and left sides, and a thicker dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #031B73; -webkit-box-shadow:4px 4px  
4px 4px #031B73; box-shadow:4px 4px 4px  
4px #031B73 }
```

Background

The CSS property to change the background color of an element to Hex 031B73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#031B73 }
```

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

```
.background{ background-color:#031B73 }
```

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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