

Converting Colors

Hex(023B4C)

Have a look what the booklet for
Hex(023B4C) contains.

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Color

Hex(023B4C)

Conversions

Conversions Part 1

Format	Color
Hex	023B4C
RGB	2, 59, 76
RGB Percent	1%, 23%, 30%
CMY	0.9922, 0.7686, 0.7020
CMYK	0.97, 0.22, 0.00, 0.70
HSL	194°, 95%, 15%
HSV	194°, 97%, 30%
XYZ	2.8935, 3.6626, 7.3919
YIQ	43.8950, -39.4290, -6.7970

Conversions

Conversions Part 2

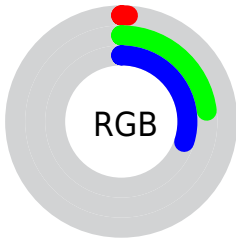
Format	Color
RYB	2, 34, 76
Decimal	146252
CIELab	22.52, -9.93, -15.17
CIELCh	23, 18.128, 236.801
Yxy	3.6626, 0.2074, 0.2626
Android (android.graphics.Color)	4278336332 (0xFF023B4C)
YUV	43.8950, 15.8278, -36.7419
Hunter-Lab	19.1380, -6.5038, -9.5038

Details

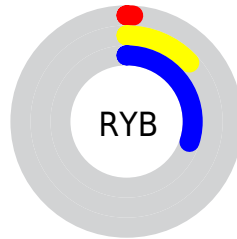
The Hex color **023B4C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4C1302**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3D6A7D**, and **001120** is the 20% darker color. If you saturate the color by 10%, you get **003B4C**, and if you desaturate by 10%, it is **0A3D4C**.

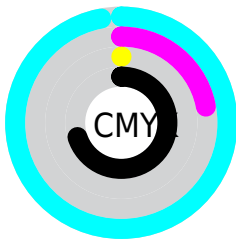
Distribution



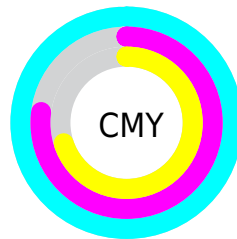
- Red (1%)
- Green (23%)
- Blue (30%)



- Red (1%)
- Yellow (13%)
- Blue (30%)



- Cyan (97%)
- Magenta (22%)
- Yellow (0%)
- Black (70%)




- Cyan (99%)
- Magenta (77%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 023B4C 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 023B4C by changing the saturation by 10% instead.

 023B4C

 023B4C

 FCFFFF

 002535

 3D6A7D

 001120

 578397

 000006

 719EB2

 000000

 8CB8CD

 A7D4E9

 C3F1FF

 DFFFFF

 023B4C

 023B4C

■ 003B4C

■ 0A3D4C

■ 113E4C

■ 19404C

■ 20424C

■ 28444C

■ 30454C

■ 37474C

■ 3F494C

■ 464B4C

Harmonies

Analogous

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



003D41



023B4C



1F3851

Triad

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



023B4C



4E2B38



32391D

Complementary

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



023B4C



4C1302

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.



40351B



023B4C



502C2A

Square

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



023B4C



452E45



4A3020



223B27

Rectangle

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



023B4C



2E3550



4A3020



37371B

Sweetspot

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



023B4C



475D63



024C12



212F33



B3B3B3



333333

Same Dimension

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



023B4C



004D63



02174C



222526



004F66



00B1E6

Inverse Universe

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



4C023B



63004D



4C3702



262225



66004F



E600B1

Previews

White Background



This preview shows how the Hex color 023B4C looks on a white background.

Color Contrast Check

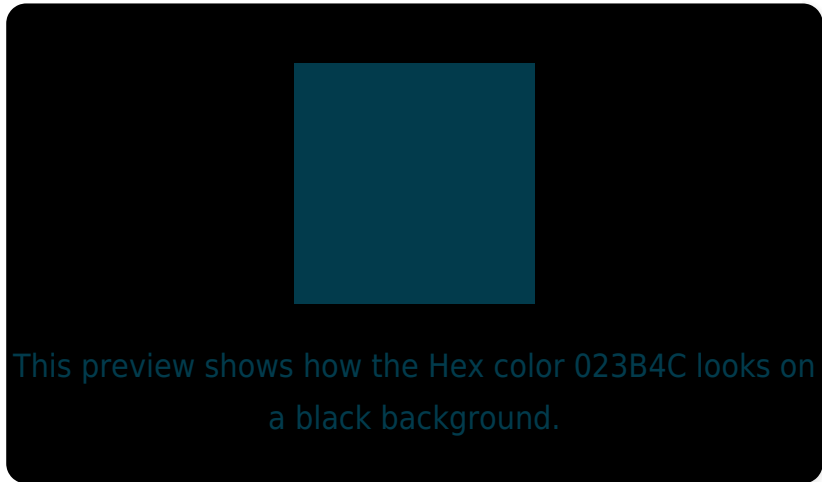
Large Text (above 18pt) WCAG AA ✓ Pass

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

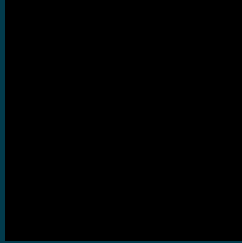
Any Text WCAG AA × Fail

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 023B4C Background



This preview shows how black text looks on a background with the Hex color 023B4C.



This preview shows how white text looks on a background with the Hex color 023B4C.

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
023B4C

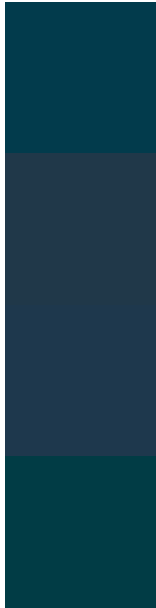
Protanopia
313648

Deuteranopia
2E364D



Tritanopia
003C41

Trichromacy



Original Color
023B4C

Protanomaly
203849

Deuteranomaly
1E384D

Tritanomaly
013C45

Monochromacy



Original Color
023B4C

Achromatopsia
2C2C2C

Achromatomaly
1D3138

CSS Examples

Text

The CSS property to change the color of the text to Hex 023B4C 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 #023B4C looks like.

```
.text, #text, p{  
    color:#023B4C  
}
```

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 #023B4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023B4C
}
```

Border

The CSS property to change the border of an element to Hex 023B4C 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
#023B4C }
```

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

```
.border{ border-color:#023B4C }
```

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

Here you see how a box with a 4 pixel #023B4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #023B4C; -webkit-box-shadow:4px 4px  
4px 4px #023B4C; box-shadow:4px 4px 4px  
4px #023B4C }
```

Background

The CSS property to change the background color of an element to Hex 023B4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023B4C }
```

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

```
.background{ background-color:#023B4C }
```

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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