

Converting Colors

Hex(62023B)

Have a look what the booklet for
Hex(62023B) contains.

Hex(62023B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(62023B)

Conversions

Conversions Part 1

Format	Color
Hex	62023B
RGB	98, 2, 59
RGB Percent	38%, 1%, 23%
CMY	0.6157, 0.9922, 0.7686
CMYK	0.00, 0.98, 0.40, 0.62
HSL	324°, 96%, 20%
HSV	324°, 98%, 38%
XYZ	5.8481, 2.9559, 4.4000
YIQ	37.2020, 38.9190, 38.0790

Conversions

Conversions Part 2

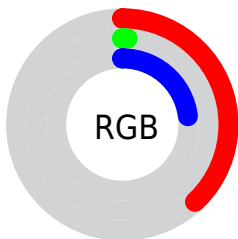
Format	Color
RYB	98, 2, 59
Decimal	6423099
CIELab	19.87, 42.80, -6.79
CIELCh	20, 43.332, 350.980
Yxy	2.9559, 0.4429, 0.2239
Android (android.graphics.Color)	4284613179 (0xFF62023B)
YUV	37.2020, 10.7464, 53.3198
Hunter-Lab	17.1926, 30.6304, -3.1388

Details

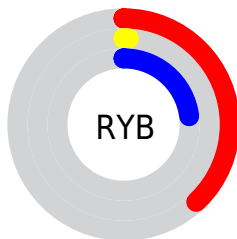
The Hex color **62023B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **026229**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **983E6A**, and **320011** is the 20% darker color. If you saturate the color by 10%, you get **62003A**, and if you desaturate by 10%, it is **620C3F**.

Distribution



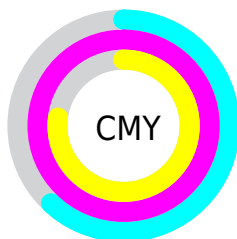
- Red (38%)
- Green (1%)
- Blue (23%)



- Red (38%)
- Yellow (1%)
- Blue (23%)



- Cyan (0%)
- Magenta (98%)
- Yellow (40%)
- Black (62%)



- Cyan (62%)
- Magenta (99%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62023B 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 62023B by changing the saturation by 10% instead.

 62023B

 62023B

 FFFDFF

 480025

 983E6A

 320011

 B55783

 000000

 D1729D

 EF8CB8

 FFA7D4

 FFC3F0

 FFE0FF

 62023B

 62023B

■ 62003A

■ 620C3F

■ 621643

■ 621F47

■ 62294B

■ 62334F

■ 623D53

■ 624757

■ 62505B

■ 625A5F

Harmonies

Analogous

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



4B1A58



62023B



65041C

Triad

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



62023B



283500



003C61

Complementary

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



62023B



026229

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.



003D46



62023B



003A00

Square

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



62023B



442B00



003D25



00376F

Rectangle

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



62023B



5F1404



003D25



003D59

Sweetspot

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



62023B



805B70



280262



402937



BFBFBF



404040

Same Dimension

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



62023B



80004C



62020C



302C2E



700043



F0008E

Inverse Universe

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



62023B



80004C



026258



302C2E



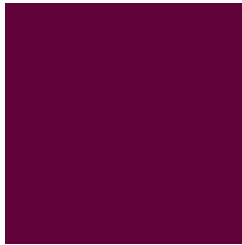
700043



F0008E

Previews

White Background



This preview shows how the Hex color 62023B looks on a white background.

Color Contrast Check

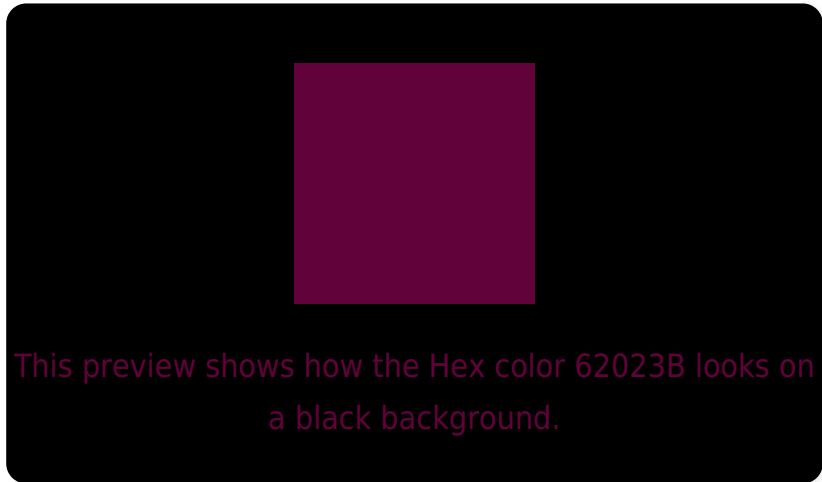
Large Text (above 18pt) WCAG AA ✓ Pass

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

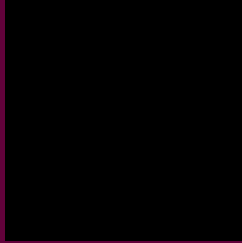
Any Text WCAG AA × Fail

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 62023B Background



This preview shows how black text looks on a background with the Hex color 62023B.



This preview shows how white text looks on a background with the Hex color 62023B.

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
62023B

Protanopia
263355

Deuteranopia
373237

Trichromacy



Original Color
62023B

Protanomaly
3C214C

Deuteranomaly
472138

Tritanomaly
610F25

Monochromacy



Original Color
62023B

Achromatopsia
252525

Achromatomaly
3B182D

CSS Examples

Text

The CSS property to change the color of the text to Hex 62023B 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 #62023B looks like.

```
.text, #text, p{  
    color:#62023B  
}
```

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 #62023B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62023B
}
```

Border

The CSS property to change the border of an element to Hex 62023B is called "border". The border property can be set on classes, ids or directly on the HTML element.

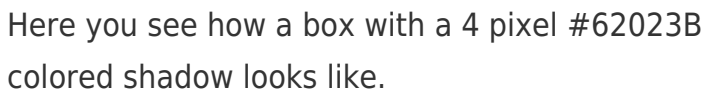
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#62023B }
```

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

```
.border{ border-color:#62023B }
```

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



Here you see how a box with a 4 pixel #62023B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62023B; -webkit-box-shadow:4px 4px  
4px 4px #62023B; box-shadow:4px 4px 4px  
4px #62023B }
```

Background

The CSS property to change the background color of an element to Hex 62023B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62023B }
```

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

```
.background{ background-color:#62023B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor