

Converting Colors

Hex(4B223F)

Have a look what the booklet for
Hex(4B223F) contains.

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Color

Hex(4B223F)

Conversions

Conversions Part 1

Format	Color
Hex	4B223F
RGB	75, 34, 63
RGB Percent	29%, 13%, 25%
CMY	0.7059, 0.8667, 0.7529
CMYK	0.00, 0.55, 0.16, 0.71
HSL	318°, 38%, 21%
HSV	318°, 55%, 29%
XYZ	4.3709, 2.9988, 5.0511
YIQ	49.5650, 15.1270, 17.7110

Conversions

Conversions Part 2

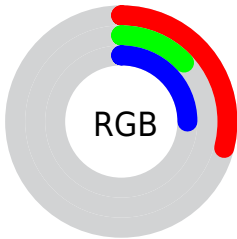
Format	Color
RYB	75, 34, 63
Decimal	4923967
CIELab	20.04, 23.79, -9.73
CIELCh	20, 25.705, 337.766
Yxy	2.9988, 0.3519, 0.2414
Android (android.graphics.Color)	4283114047 (0xFF4B223F)
YUV	49.5650, 6.6235, 22.3065
Hunter-Lab	17.3170, 14.7493, -5.1720

Details

The Hex color **4B223F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **224B2E**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **7D506F**, and **210015** is the 20% darker color. If you saturate the color by 10%, you get **4B1B3D**, and if you desaturate by 10%, it is **4B2A41**.

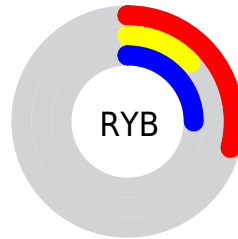
Distribution



Red (29%)

Green (13%)

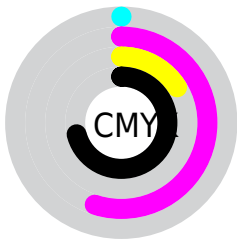
Blue (25%)



Red (29%)

Yellow (13%)

Blue (25%)

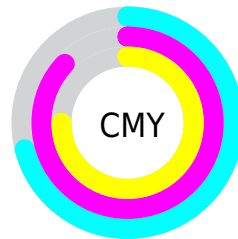


Cyan (0%)

Magenta (55%)

Yellow (16%)

Black (71%)



Cyan (71%)

Magenta (87%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B223F 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 4B223F by changing the saturation by 10% instead.

 4B223F

 4B223F

FFFFFF

 330C29

 7D506F

 210015

 976988

 000000

 B382A2

 CE9DBD

 EBB8D9

 FFD3F6

 FFF0FF

 4B223F

 4B223F

■ 4B1B3D

■ 4B2A41

■ 4B133B

■ 4B3143

■ 4B0C38

■ 4B3946

■ 4B0436

■ 4B4048

■ 4B0035

■ 4B484A

■ 4B4F4C

■ 4B574E

■ 4B5E51

■ 4B6653

Harmonies

Analogous

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



38294E



4B223F



531F2C

Triad

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



4B223F



363107



003947

Complementary

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



4B223F



224B2E

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.



003A35



4B223F



223611

Square

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



4B223F



462A0C



013921



003653

Rectangle

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



4B223F



522120



013921



003941

Sweetspot

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



4B223F



61515C



2E224B



30272E



B0B0B0



303030

Same Dimension

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



4B223F



61214E



4B222B



262225



660048



E600A2

Inverse Universe

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



4B223F



61214E



224B42



262225



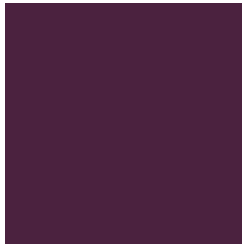
660048



E600A2

Previews

White Background



This preview shows how the Hex color 4B223F looks on a white background.

Color Contrast Check

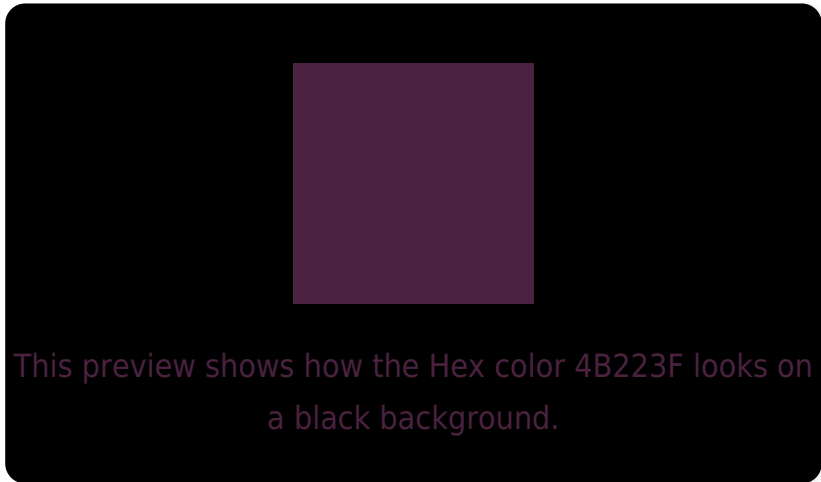
Large Text (above 18pt) WCAG AA ✓ Pass

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

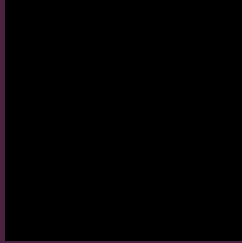
Any Text WCAG AA × Fail

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 4B223F Background



This preview shows how black text looks on a background with the Hex color 4B223F.



This preview shows how white text looks on a background with the Hex color 4B223F.

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
4B223F

Protanopia
28304A

Deuteranopia
30303D



Tritanopia
49272A

Trichromacy



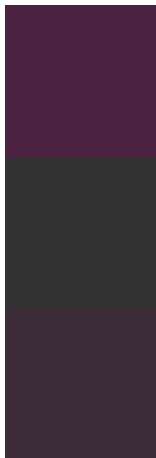
Original Color
4B223F

Protanomaly
352B46

Deuteranomaly
3A2B3E

Tritanomaly
4A2532

Monochromacy



Original Color
4B223F

Achromatopsia
323232

Achromatomaly
3B2C37

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B223F 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 #4B223F looks like.

```
.text, #text, p{  
    color:#4B223F  
}
```

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 #4B223F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B223F
}
```

Border

The CSS property to change the border of an element to Hex 4B223F is called "border". The border property can be set on classes, ids or directly on the HTML element.

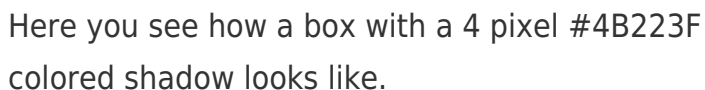
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B223F }
```

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

```
.border{ border-color:#4B223F }
```

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



Here you see how a box with a 4 pixel #4B223F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B223F; -webkit-box-shadow:4px 4px  
4px 4px #4B223F; box-shadow:4px 4px 4px  
4px #4B223F }
```

Background

The CSS property to change the background color of an element to Hex 4B223F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B223F }
```

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

```
.background{ background-color:#4B223F }
```

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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