

Converting Colors

Hex(4B2334)

Have a look what the booklet for
Hex(4B2334) contains.

Hex(4B2334)	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(4B2334)

Conversions

Conversions Part 1

Format	Color
Hex	4B2334
RGB	75, 35, 52
RGB Percent	29%, 14%, 20%
CMY	0.7059, 0.8627, 0.7961
CMYK	0.00, 0.53, 0.31, 0.71
HSL	334°, 36%, 22%
HSV	334°, 53%, 29%
XYZ	4.1225, 2.9459, 3.6001
YIQ	48.8980, 18.3830, 13.7670

Conversions

Conversions Part 2

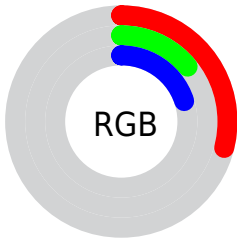
Format	Color
R_{YB}	75, 35, 52
Decimal	4924212
CIE Lab	19.83, 21.25, -2.42
CIE LCh	20, 21.392, 353.494
Yxy	2.9459, 0.3864, 0.2761
Android (android.graphics.Color)	4283114292 (0xFF4B2334)
YUV	48.8980, 1.5293, 22.8915
Hunter-Lab	17.1635, 12.8380, -0.4220

Details

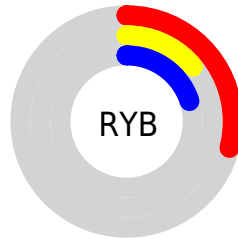
The Hex color **4B2334** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **234B3A**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **7D5162**, and **210006** is the 20% darker color. If you saturate the color by 10%, you get **4B1C30**, and if you desaturate by 10%, it is **4B2B38**.

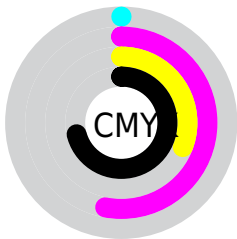
Distribution



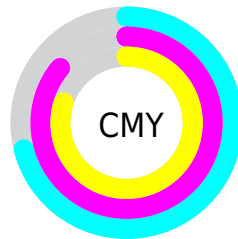
- Red (29%)
- Green (14%)
- Blue (20%)



- Red (29%)
- Yellow (14%)
- Blue (20%)



- Cyan (0%)
- Magenta (53%)
- Yellow (31%)
- Black (71%)



- Cyan (71%)
- Magenta (86%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B2334 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 4B2334 by changing the saturation by 10% instead.

 4B2334

 4B2334

FFFFFF

 330D1F

 7D5162

 210006

 98697B

 000000

 B38395

 CF9DB0

 EBB8CB

 FFD4E7

 FFF0FF

 4B2334

 4B2334

■ 4B1C30

■ 4B2B38

■ 4B142B

■ 4B323D

■ 4B0C27

■ 4B3A41

■ 4B0523

■ 4B4145

■ 4B0020

■ 4B494A

■ 4B504E

■ 4B5752

■ 4B5F57

■ 4B675B

Harmonies

Analogous

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



402743



4B2334



4D2424

Triad

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



4B2334



2D3312



003649

Complementary

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



4B2334



234B3A

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.



00383C



4B2334



1A361D

Square

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



4B2334



3C2E10



00382C



08334F

Rectangle

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



4B2334



4A261B



00382C



003745

Sweetspot

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



4B2334



615158



3A234B



30272B



B0B0B0



303030

Same Dimension

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



4B2334



61233D



4B2623



262224



66002B



E60062

Inverse Universe

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



4B2334



61233D



23484B



262224



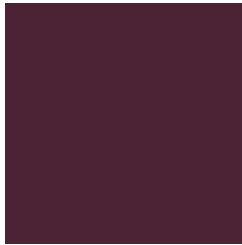
66002B



E60062

Previews

White Background



This preview shows how the Hex color 4B2334 looks on a white background.

Color Contrast Check

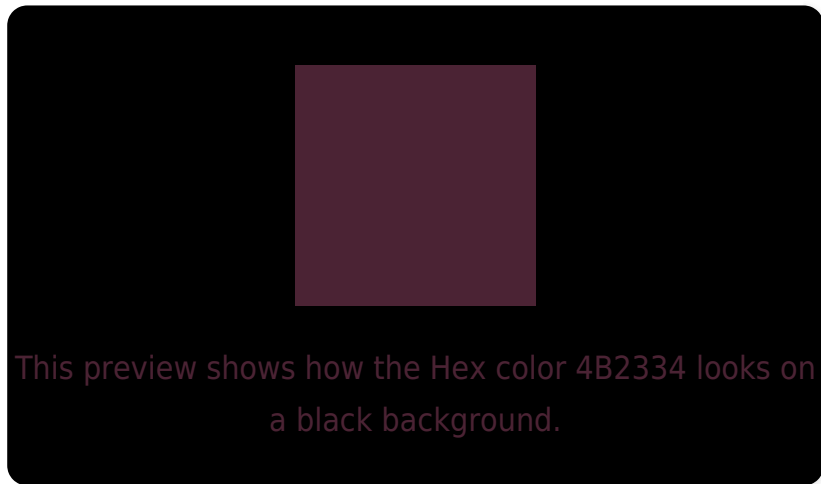
Large Text (above 18pt) WCAG AA ✓ Pass

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

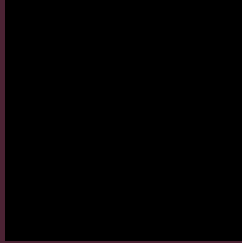
Any Text WCAG AA × Fail

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 4B2334 Background



This preview shows how black text looks on a background with the Hex color 4B2334.



This preview shows how white text looks on a background with the Hex color 4B2334.

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
4B2334

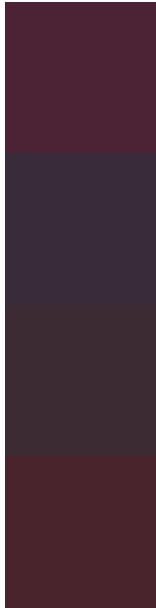
Protanopia
2E303C

Deuteranopia
352F32



Tritanopia
4A2528

Trichromacy



Original Color
4B2334

Protanomaly
392B39

Deuteranomaly
3D2B33

Tritanomaly
4A242C

Monochromacy



Original Color
4B2334

Achromatopsia
313131

Achromatomaly
3A2C32

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B2334 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 #4B2334 looks like.

```
.text, #text, p{  
    color:#4B2334  
}
```

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 #4B2334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B2334  
}
```

Border

The CSS property to change the border of an element to Hex 4B2334 is called "border". The border property can be set on classes, ids or directly on the HTML element.

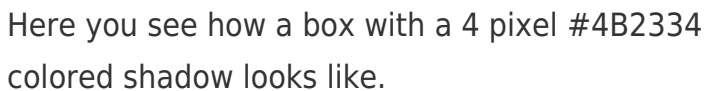
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4B2334 }
```

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

```
.border{ border-color:#4B2334 }
```

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



Here you see how a box with a 4 pixel #4B2334 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B2334; -webkit-box-shadow:4px 4px  
4px 4px #4B2334; box-shadow:4px 4px 4px  
4px #4B2334 }
```

Background

The CSS property to change the background color of an element to Hex 4B2334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B2334 }
```

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

```
.background{ background-color:#4B2334 }
```

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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