

# Converting Colors

Hex(4A232B)

Have a look what the booklet for  
Hex(4A232B) contains.

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# Color

**Hex(4A232B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A232B
RGB	74, 35, 43
RGB Percent	29%, 14%, 17%
CMY	0.7098, 0.8627, 0.8314
CMYK	0.00, 0.53, 0.42, 0.71
HSL	348°, 36%, 21%
HSV	348°, 53%, 29%
XYZ	3.8611, 2.8323, 2.6287
YIQ	47.5730, 20.6760, 10.7560

# Conversions

## Conversions Part 2

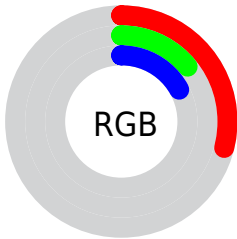
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 35, 43
Decimal	4858667
CIE <sub>Lab</sub>	19.36, 19.47, 3.16
CIE <sub>LCh</sub>	19, 19.724, 9.221
Yxy	2.8323, 0.4142, 0.3038
Android (android.graphics.Color)	4283048747 (0xFF4A232B)
YUV	47.5730, -2.2545, 23.1765
Hunter-Lab	16.8295, 11.5007, 2.5199

# Details

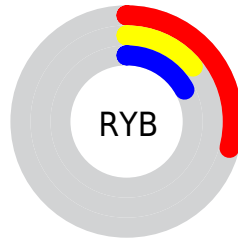
The Hex color **4A232B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **234A42**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **7C5158**, and **1E0001** is the 20% darker color. If you saturate the color by 10%, you get **4A1C25**, and if you desaturate by 10%, it is **4A2A31**.

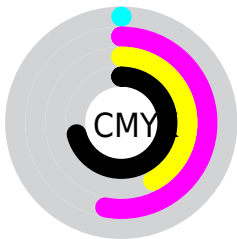
# Distribution



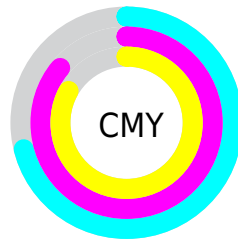
- Red (29%)
- Green (14%)
- Blue (17%)



- Red (29%)
- Yellow (14%)
- Blue (17%)



- Cyan (0%)
- Magenta (53%)
- Yellow (42%)
- Black (71%)



- Cyan (71%)
- Magenta (86%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A232B 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 4A232B by changing the saturation by 10% instead.





4A232B



4A232B

FFFFFF



320E17



7C5158



1E0001



976971



000000



B2838A



CE9DA4



EBB8BF



FFD4DB



FFF0F8



4A232B



4A232B

■ 4A1C25

■ 4A2A31

■ 4A141F

■ 4A3237

■ 4A0D19

■ 4A393D

■ 4A0513

■ 4A4143

■ 4A000F

■ 4A4848

■ 4A4F4E

■ 4A5754

■ 4A5E5A

■ 4A6660

# Harmonies

## Analogous

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



442539



4A232B



48261D

# Triad

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



4A232B



243318



00334A

# Complementary

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



4A232B



234A42

# 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.



003641



4A232B



103624

# Square

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



4A232B



333012



003633



1F2F4B

# Rectangle

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



4A232B



432917



003633



003447



# Sweetspot

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



4A232B



615155



42234A



302729



B0B0B0



303030



# Same Dimension

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



4A232B



612430



4A2E23



262223



660015



E6002F



# Inverse Universe

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



4A232B



612430



233F4A



262223



660015

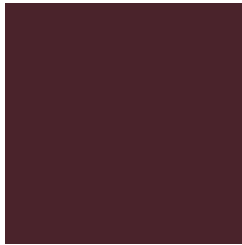


E6002F



# Previews

## White Background



This preview shows how the Hex color 4A232B looks on a white background.

## Color Contrast Check

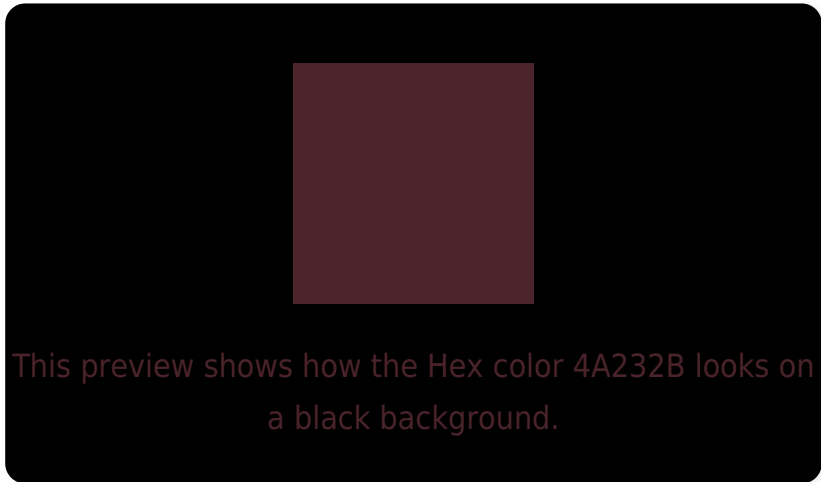
Large Text (above 18pt) WCAG AA ✓ Pass

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

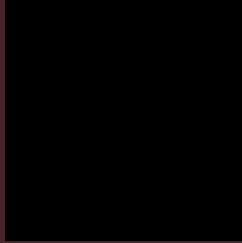
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4A232B Background



This preview shows how black text looks on a background with the Hex color 4A232B.



This preview shows how white text looks on a background with the Hex color 4A232B.

# 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**  
4A232B

**Protanopia**  
302F32

**Deuteranopia**  
372E29



**Tritanopia**  
4A2426

# Trichromacy



**Original Color**

4A232B

**Protanomaly**

392B2F

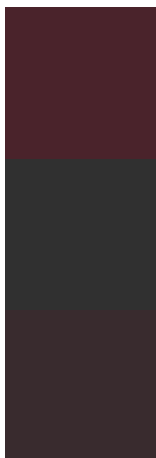
**Deuteranomaly**

3E2A2A

**Tritanomaly**

4A2428

# Monochromacy



**Original Color**

4A232B

**Achromatopsia**

303030

**Achromatomaly**

392B2E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A232B 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 #4A232B looks like.

```
.text, #text, p{  
    color:#4A232B  
}
```

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 #4A232B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A232B
}
```

## Border

The CSS property to change the border of an element to Hex 4A232B 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".

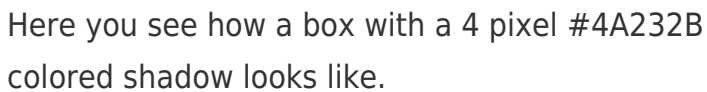
```
.border, #border, table{ border:4px solid
#4A232B }
```

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

```
.border{ border-color:#4A232B }
```

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

Here you see how a box with a 4 pixel #4A232B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom sides of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A232B; -webkit-box-shadow:4px 4px  
4px 4px #4A232B; box-shadow:4px 4px 4px  
4px #4A232B }
```

# Background

The CSS property to change the background color of an element to Hex 4A232B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A232B }
```

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

```
.background{ background-color:#4A232B }
```

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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