

# Converting Colors

Hex(4A242B)

Have a look what the booklet for  
Hex(4A242B) contains.

<b>Hex(4A242B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(4A242B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A242B
RGB	74, 36, 43
RGB Percent	29%, 14%, 17%
CMY	0.7098, 0.8588, 0.8314
CMYK	0.00, 0.51, 0.42, 0.71
HSL	349°, 35%, 22%
HSV	349°, 51%, 29%
XYZ	3.8910, 2.8920, 2.6386
YIQ	48.1600, 20.4010, 10.2330

# Conversions

## Conversions Part 2

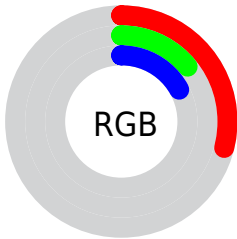
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 36, 43
Decimal	4858923
CIE <sub>Lab</sub>	19.61, 18.85, 3.51
CIE <sub>LCh</sub>	20, 19.173, 10.559
Yxy	2.8920, 0.4130, 0.3070
Android (android.graphics.Color)	4283049003 (0xFF4A242B)
YUV	48.1600, -2.5439, 22.6617
Hunter-Lab	17.0059, 11.0805, 2.7047

# Details

The Hex color **4A242B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **244A43**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **7C5258**, and **1F0001** is the 20% darker color. If you saturate the color by 10%, you get **4A1D25**, and if you desaturate by 10%, it is **4A2B31**.

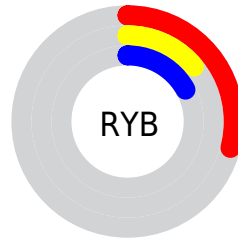
# Distribution



Red (29%)

Green (14%)

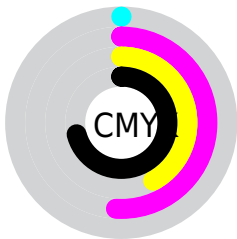
Blue (17%)



Red (29%)

Yellow (14%)

Blue (17%)

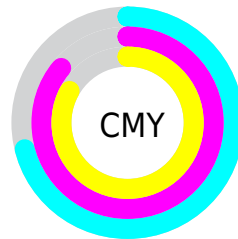


Cyan (0%)

Magenta (51%)

Yellow (42%)

Black (71%)



Cyan (71%)

Magenta (86%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A242B 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 4A242B by changing the saturation by 10% instead.





4A242B



4A242B

FFFFFF



320F17



7C5258



1F0001



976A71



000000



B2848A



CE9EA4



EAB9BF



FFD5DB



FFF1F8



4A242B



4A242B

■ 4A1D25

■ 4A2B31

■ 4A151F

■ 4A3337

■ 4A0E19

■ 4A3A3D

■ 4A0613

■ 4A4243

■ 4A000E

■ 4A4949

■ 4A504F

■ 4A5855

■ 4A5F5B

■ 4A6761

# Harmonies

## Analogous

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



452539



4A242B



48271E

# Triad

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



4A242B



24341A



00334A

# Complementary

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



4A242B



244A43

# 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



4A242B



113626

# Square

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



4A242B



333013



003734



222F4B

# Rectangle

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



4A242B



432A17



003734



003447



# Sweetspot

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



4A242B



615255



42244A



302829



B0B0B0



303030



# Same Dimension

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



4A242B



612530



4A2F24



262223



660013



E6002A



# Inverse Universe

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



4A242B



612530



243F4A



262223



660013

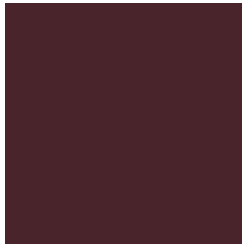


E6002A



# Previews

## White Background



This preview shows how the Hex color 4A242B looks on a white background.

## Color Contrast Check

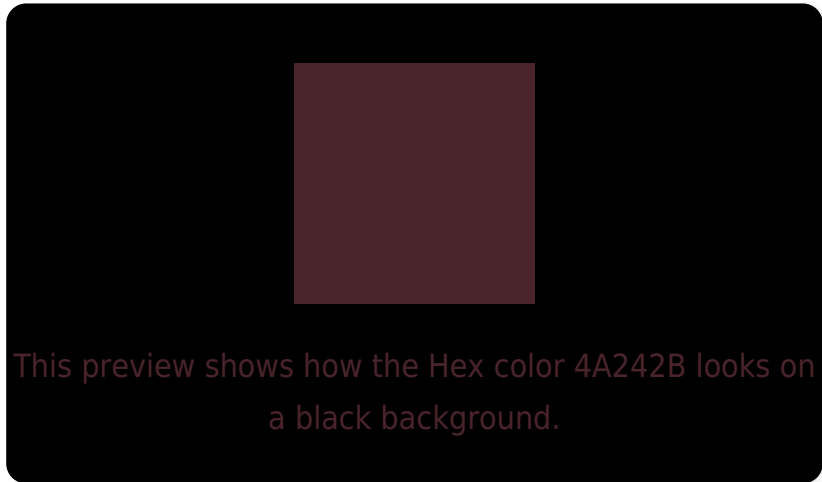
Large Text (above 18pt) WCAG AA ✓ Pass

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

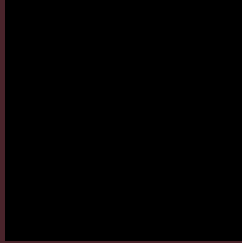
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A242B Background



This preview shows how black text looks on a background with the Hex color 4A242B.

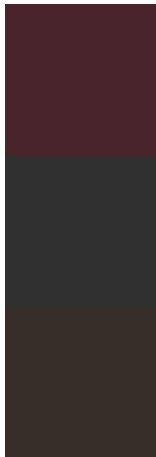


This preview shows how white text looks on a background with the Hex color 4A242B.

# 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**  
4A242B

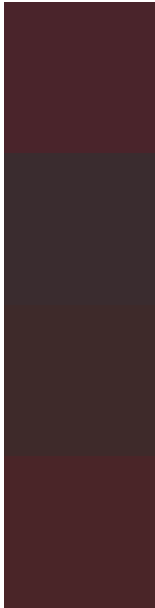
**Protanopia**  
313031

**Deuteranopia**  
372E29



**Tritanopia**  
4A2527

# Trichromacy



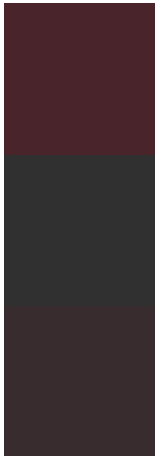
**Original Color**  
4A242B

**Protanomaly**  
3A2C2F

**Deuteranomaly**  
3E2A2A

**Tritanomaly**  
4A2528

# Monochromacy



**Original Color**  
4A242B

**Achromatopsia**  
303030

**Achromatomaly**  
392C2E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A242B 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 #4A242B looks like.

```
.text, #text, p{  
    color:#4A242B  
}
```

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 #4A242B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A242B
}
```

## Border

The CSS property to change the border of an element to Hex 4A242B 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".

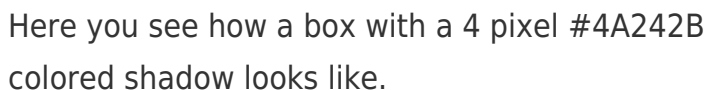
```
.border, #border, table{ border:4px solid
#4A242B }
```

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

```
.border{ border-color:#4A242B }
```

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

Here you see how a box with a 4 pixel #4A242B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #4A242B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A242B; -webkit-box-shadow:4px 4px  
4px 4px #4A242B; box-shadow:4px 4px 4px  
4px #4A242B }
```

# Background

The CSS property to change the background color of an element to Hex 4A242B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A242B }
```

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

```
.background{ background-color:#4A242B }
```

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