

# Converting Colors

Hex(4B2636)

Have a look what the booklet for  
Hex(4B2636) contains.

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# Color

**Hex(4B2636)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B2636
RGB	75, 38, 54
RGB Percent	29%, 15%, 21%
CMY	0.7059, 0.8510, 0.7882
CMYK	0.00, 0.49, 0.28, 0.71
HSL	334°, 33%, 22%
HSV	334°, 49%, 29%
XYZ	4.2606, 3.1484, 3.8732
YIQ	50.8870, 16.9160, 12.8200

# Conversions

## Conversions Part 2

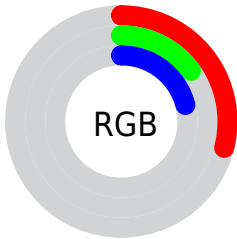
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 38, 54
Decimal	4924982
CIE Lab	20.63, 19.73, -2.62
CIE LCh	21, 19.907, 352.429
Yxy	3.1484, 0.3776, 0.2791
Android (android.graphics.Color)	4283115062 (0xFF4B2636)
YUV	50.8870, 1.5347, 21.1471
Hunter-Lab	17.7438, 11.8095, -0.5214

# Details

The Hex color **4B2636** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **264B3B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **7D5465**, and **21000A** is the 20% darker color. If you saturate the color by 10%, you get **4B1E32**, and if you desaturate by 10%, it is **4B2E3A**.

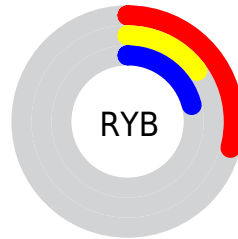
# Distribution



Red (29%)

Green (15%)

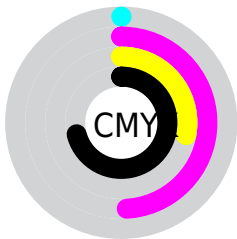
Blue (21%)



Red (29%)

Yellow (15%)

Blue (21%)

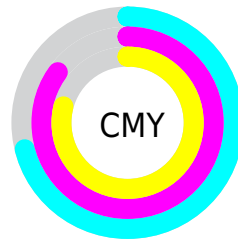


Cyan (0%)

Magenta (49%)

Yellow (28%)

Black (71%)



Cyan (71%)

Magenta (85%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B2636 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 4B2636 by changing the saturation by 10% instead.





4B2636



4B2636

FFFFFF



331121



7D5465



21000A



976D7E



000000



B28697



CEA0B2



EBBCCE



FFD7EA



FFF4FF



4B2636



4B2636

■ 4B1E32

■ 4B2E3A

■ 4B172D

■ 4B353F

■ 4B0F29

■ 4B3D43

■ 4B0825

■ 4B4447

■ 4B0021

■ 4B4C4B

■ 4B0020

■ 4B5350

■ 4B5A54

■ 4B6258

■ 4B6A5C

# Harmonies

## Analogous

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



402A44



4B2636



4D2627

# Triad

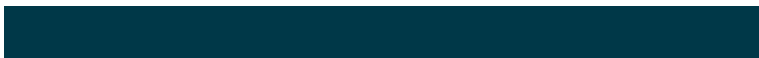
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4B2636



303416



003848

# Complementary

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



4B2636



264B3B

# 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.



00393C



4B2636



1E371F

# Square

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



4B2636



3E3014



05392D



10344E

# Rectangle

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



4B2636



4B291F



05392D



003845



# Sweetspot

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



4B2636



615259



3B264B



30282C



B0B0B0



303030



# Same Dimension

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



4B2636



612840



4B2826



262224



66002C



E60063



# Inverse Universe

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



4B2636



612840



26494B



262224



66002C

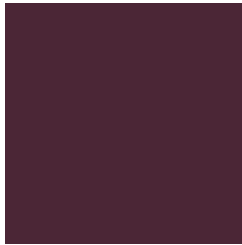


E60063



# Previews

## White Background



This preview shows how the Hex color 4B2636 looks on a white background.

## Color Contrast Check

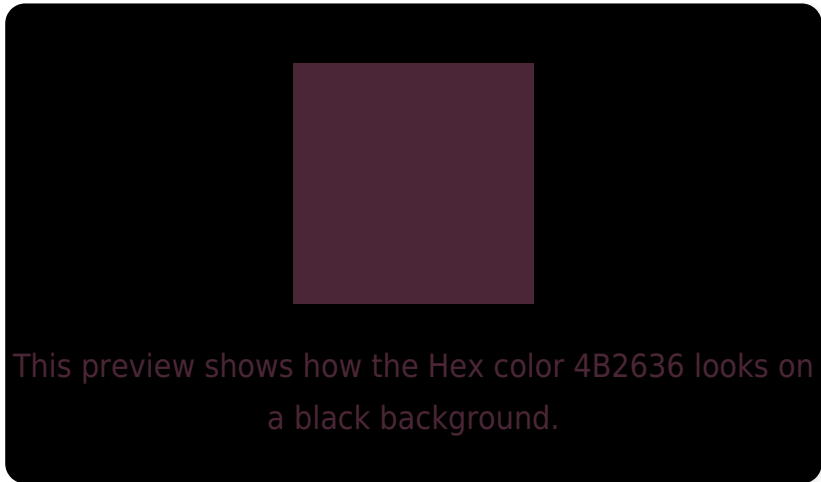
Large Text (above 18pt) WCAG AA ✓ Pass

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

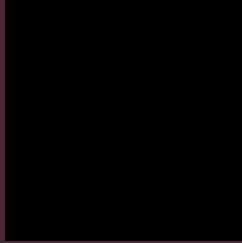
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B2636 Background



This preview shows how black text looks on a background with the Hex color 4B2636.



This preview shows how white text looks on a background with the Hex color 4B2636.

# 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](#).

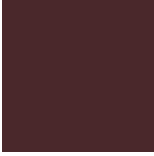
## Dichromacy



**Original Color**  
4B2636

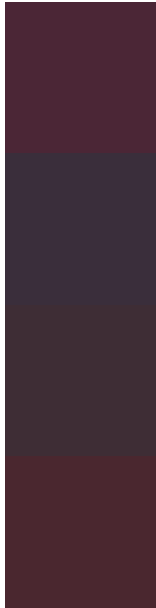
**Protanopia**  
30323E

**Deuteranopia**  
363134



**Tritanopia**  
4A282B

# Trichromacy



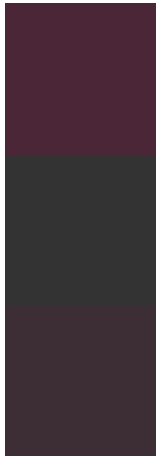
**Original Color**  
4B2636

**Protanomaly**  
3A2E3B

**Deuteranomaly**  
3E2D35

**Tritanomaly**  
4A272F

# Monochromacy



**Original Color**  
4B2636

**Achromatopsia**  
333333

**Achromatomaly**  
3C2E34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B2636 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 #4B2636 looks like.

```
.text, #text, p{  
    color:#4B2636  
}
```

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 #4B2636 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B2636
}
```

## Border

The CSS property to change the border of an element to Hex 4B2636 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".

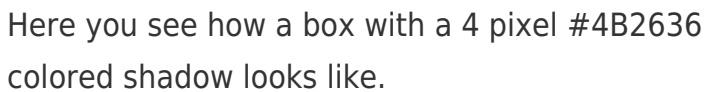
```
.border, #border, table{ border:4px solid
#4B2636 }
```

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

```
.border{ border-color:#4B2636 }
```

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

Here you see how a box with a 4 pixel #4B2636 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that is wider on the left and bottom sides, and narrower on the top and right sides, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B2636; -webkit-box-shadow:4px 4px  
4px 4px #4B2636; box-shadow:4px 4px 4px  
4px #4B2636 }
```

# Background

The CSS property to change the background color of an element to Hex 4B2636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B2636 }
```

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

```
.background{ background-color:#4B2636 }
```

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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