

# Converting Colors

Hex(4B1A4C)

Have a look what the booklet for  
Hex(4B1A4C) contains.

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# Color

**Hex(4B1A4C)**

# Conversions

Conversions Part 1	
Format	Color
Hex	4B1A4C
RGB	75, 26, 76
RGB Percent	29%, 10%, 30%
CMY	0.7059, 0.8980, 0.7020
CMYK	0.01, 0.66, 0.00, 0.70
HSL	299°, 49%, 20%
HSV	299°, 66%, 30%
XYZ	4.5756, 2.7564, 7.1284
YIQ	46.3510, 13.1540, 25.9380

# Conversions

## Conversions Part 2

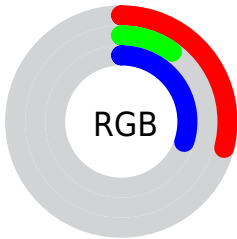
Format	Color
<a href="#">RYB</a>	<a href="#">75, 26, 76</a>
Decimal	<a href="#">4921932</a>
CIELab	<a href="#">19.04, 30.85, -20.19</a>
CIELCh	<a href="#">19, 36.871, 326.795</a>
Yxy	<a href="#">2.7564, 0.3164, 0.1906</a>
Android (android.graphics.Color)	<a href="#">4283112012</a> (0xFF4B1A4C)
YUV	<a href="#">46.3510, 14.6170, 25.1252</a>
Hunter-Lab	<a href="#">16.6026, 20.1389, -13.8346</a>

# Details

The Hex color **4B1A4C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1B4C1A**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **7E497D**, and **200020** is the 20% darker color. If you saturate the color by 10%, you get **4B124C**, and if you desaturate by 10%, it is **4B224C**.

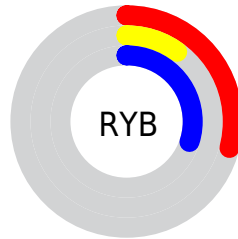
# Distribution



Red (29%)

Green (10%)

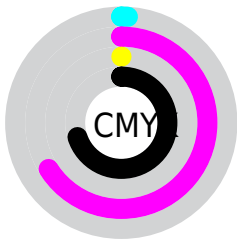
Blue (30%)



Red (29%)

Yellow (10%)

Blue (30%)

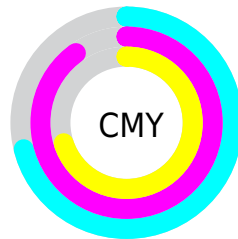


Cyan (1%)

Magenta (66%)

Yellow (0%)

Black (70%)



Cyan (71%)

Magenta (90%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B1A4C 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 4B1A4C by changing the saturation by 10% instead.



 4B1A4C

 4B1A4C

FFFFFF

 330235

 7E497D

 200020

 986297

 000003

 B37BB2

 000000

 CF96CE

 ECB1EA

 FFCCFF

 FFE9FF

 4B1A4C

 4B1A4C

 4B124C

 4B224C

 4B0B4C

 4B294C

 4B034C

 4B314C

 4A004C

 4C384C

 4C404C

 4C484C

 4C4F4C

 4C574C

 4C5E4C

# Harmonies

## Analogous

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



25285F



4B1A4C



5B0E32

# Triad

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



4B1A4C



3D2C00



003A46

# Complementary

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



4B1A4C



1B4C1A

# 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.



003A2A



4B1A4C



243400

# Square

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



4B1A4C



502000



00380E



00385B

# Rectangle

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



4B1A4C



5D0F21



00380E



003A3D



# Sweetspot

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



4B1A4C



635063



1A1C4C



332733



B3B3B3



333333



# Same Dimension

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



4B1A4C



621563



4C1A35



262226



640066



E100E6



# Inverse Universe

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



4C1A1B



631516



1A4C31



262223



660002

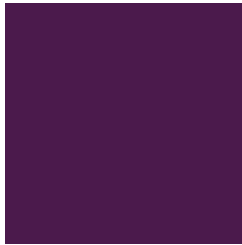


E60005



# Previews

## White Background



This preview shows how the Hex color 4B1A4C 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



This preview shows how the Hex color 4B1A4C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

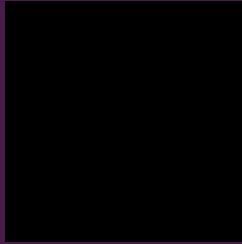
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B1A4C Background



This preview shows how black text looks on a background with the Hex color 4B1A4C.



This preview shows how white text looks on a background with the Hex color 4B1A4C.

# 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**  
4B1A4C

**Protanopia**  
0F2E5F




**Deuteranopia**  
232F49



# Trichromacy

	<b>Original Color</b> 4B1A4C
	<b>Protanomaly</b> 252758
	<b>Deuteranomaly</b> 32274A
	<b>Tritanomaly</b> 482135

# Monochromacy

	<b>Original Color</b> 4B1A4C
	<b>Achromatopsia</b> 2E2E2E
	<b>Achromatomaly</b> 392739

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B1A4C 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 #4B1A4C looks like.

```
.text, #text, p{  
    color:#4B1A4C  
}
```

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 #4B1A4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B1A4C
}
```

## Border

The CSS property to change the border of an element to Hex 4B1A4C 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
#4B1A4C }
```

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

```
.border{ border-color:#4B1A4C }
```

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

Here you see how a box with a 4 pixel #4B1A4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B1A4C; -webkit-box-shadow:4px 4px  
4px 4px #4B1A4C; box-shadow:4px 4px 4px  
4px #4B1A4C }
```

# Background

The CSS property to change the background color of an element to Hex 4B1A4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B1A4C }
```

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

```
.background{ background-color:#4B1A4C }
```

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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