

Converting Colors

Hex(4B1A39)

Have a look what the booklet for
Hex(4B1A39) contains.

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Color

Hex(4B1A39)

Conversions

Conversions Part 1

Format	Color
Hex	4B1A39
RGB	75, 26, 57
RGB Percent	29%, 10%, 22%
CMY	0.7059, 0.8980, 0.7765
CMYK	0.00, 0.65, 0.24, 0.71
HSL	322°, 49%, 20%
HSV	322°, 65%, 29%
XYZ	4.0096, 2.5301, 4.1479
YIQ	44.1850, 19.2530, 20.0290

Conversions

Conversions Part 2

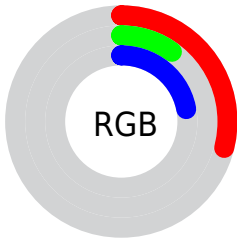
Format	Color
R_{YB}	75, 26, 57
Decimal	4921913
CIE _{Lab}	18.05, 27.27, -8.58
CIE _{LCh}	18, 28.590, 342.532
Yxy	2.5301, 0.3752, 0.2367
Android (android.graphics.Color)	4283111993 (0xFF4B1A39)
YUV	44.1850, 6.3178, 27.0248
Hunter-Lab	15.9061, 17.1599, -4.3270




Details

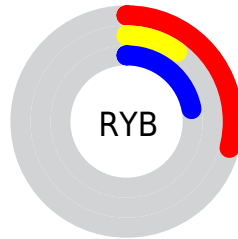
The Hex color **4B1A39** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1A4B2C**, and the grayscale version is **2C2C2C**.



A 20% lighter version of the original color is **7E4968**, and **1E000D** is the 20% darker color. If you saturate the color by 10%, you get **4B1336**, and if you desaturate by 10%, it is **4B223C**.

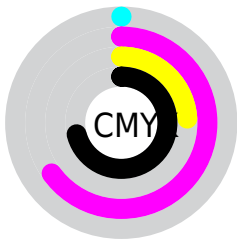
Distribution







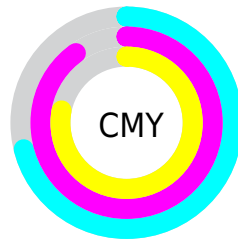
-  Red (29%)
-  Green (10%)
-  Blue (22%)






-  Red (29%)
-  Yellow (10%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (65%)
-  Yellow (24%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (90%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B1A39 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 4B1A39 by changing the saturation by 10% instead.

■ 4B1A39

■ 4B1A39

FFFFFF

■ 330323

■ 7E4968

■ 1E000D

■ 986181

■ 000000

■ B37A9B

■ CF95B6

■ ECAFD2

■ FFCBEE

■ FFE7FF

■ 4B1A39

■ 4B1A39

■ 4B1336

■ 4B223C

■ 4B0B33

■ 4B293F

■ 4B0431

■ 4B3141

■ 4B002F

■ 4B3844

■ 4B4047

■ 4B474A

■ 4B4F4C

■ 4B564F

■ 4B5E52

Harmonies

Analogous

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



38234B



4B1A39



511824

Triad

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



4B1A39



2F2E00



003548

Complementary

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



4B1A39



1A4B2C

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.



003634



4B1A39



17320A

Square

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



4B1A39



412700



00351F



003253

Rectangle

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



4B1A39



4F1B17



00351F



003542

Sweetspot

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



4B1A39



614E5A



2C1A4B



30252C



B0B0B0



303030

Same Dimension

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



4B1A39



611545



4B1A21



262225



660041



E60091

Inverse Universe

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



4B1A39



611545



1A4B44



262225



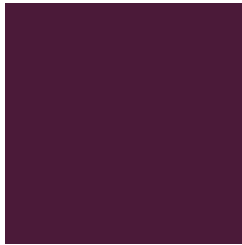
660041



E60091

Previews

White Background



This preview shows how the Hex color 4B1A39 looks on a white background.

Color Contrast Check

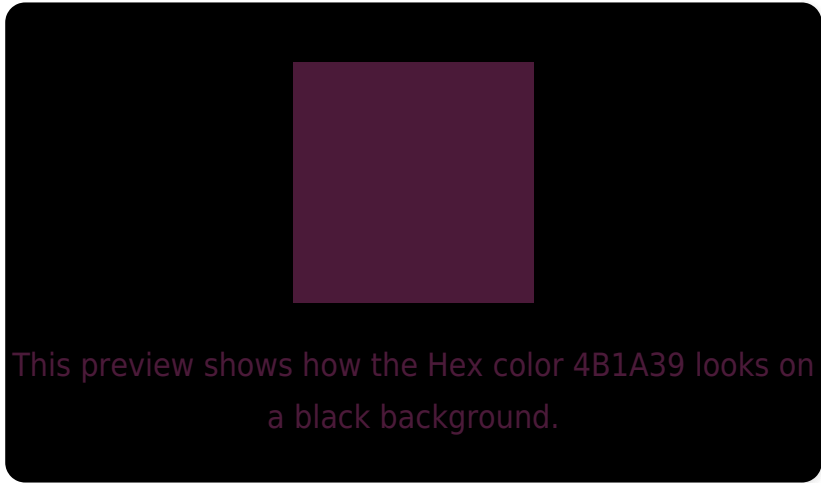
Large Text (above 18pt) WCAG AA ✓ Pass

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

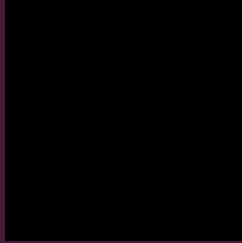
Any Text WCAG AA × Fail

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 4B1A39 Background



This preview shows how black text looks on a background with the Hex color 4B1A39.



This preview shows how white text looks on a background with the Hex color 4B1A39.

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
4B1A39

Protanopia
242C47

Deuteranopia
2D2C36

Trichromacy



Original Color
4B1A39

Protanomaly
322542

Deuteranomaly
382537

Tritanomaly
4A1E2A

Monochromacy



Original Color
4B1A39

Achromatopsia
2C2C2C

Achromatomaly
372531

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B1A39 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 #4B1A39 looks like.

```
.text, #text, p{  
    color:#4B1A39  
}
```

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 #4B1A39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B1A39
}
```

Border

The CSS property to change the border of an element to Hex 4B1A39 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".

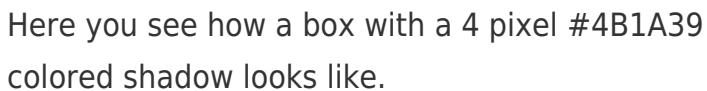
```
.border, #border, table{ border:4px solid
#4B1A39 }
```

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

```
.border{ border-color:#4B1A39 }
```

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

Here you see how a box with a 4 pixel #4B1A39 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B1A39; -webkit-box-shadow:4px 4px  
4px 4px #4B1A39; box-shadow:4px 4px 4px  
4px #4B1A39 }
```

Background

The CSS property to change the background color of an element to Hex 4B1A39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B1A39 }
```

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

```
.background{ background-color:#4B1A39 }
```

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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