

Converting Colors

Hex(4B1A47)

Have a look what the booklet for
Hex(4B1A47) contains.

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Color

Hex(4B1A47)

Conversions

Conversions Part 1

Format	Color
Hex	4B1A47
RGB	75, 26, 71
RGB Percent	29%, 10%, 28%
CMY	0.7059, 0.8980, 0.7216
CMYK	0.00, 0.65, 0.05, 0.71
HSL	305°, 49%, 20%
HSV	305°, 65%, 29%
XYZ	4.4084, 2.6896, 6.2480
YIQ	45.7810, 14.7590, 24.3830

Conversions

Conversions Part 2

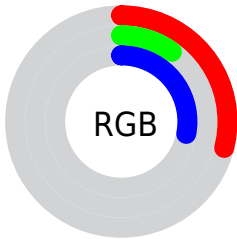
Format	Color
R_{YB}	75, 26, 71
Decimal	4921927
CIE Lab	18.76, 29.84, -17.22
CIE LCh	19, 34.451, 330.012
Yxy	2.6896, 0.3303, 0.2015
Android (android.graphics.Color)	4283112007 (0xFF4B1A47)
YUV	45.7810, 12.4330, 25.6251
Hunter-Lab	16.3999, 19.2817, -11.1083

Details

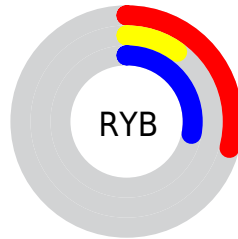
The Hex color **4B1A47** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1A4B1E**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **7E4978**, and **20001C** is the 20% darker color. If you saturate the color by 10%, you get **4B1346**, and if you desaturate by 10%, it is **4B2248**.

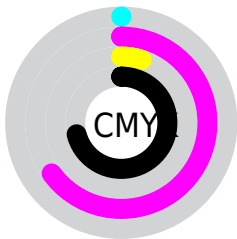
Distribution



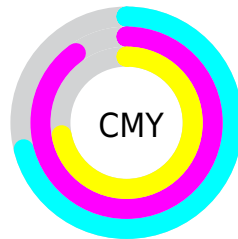
- Red (29%)
- Green (10%)
- Blue (28%)



- Red (29%)
- Yellow (10%)
- Blue (28%)



- Cyan (0%)
- Magenta (65%)
- Yellow (5%)
- Black (71%)



- Cyan (71%)
- Magenta (90%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B1A47 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 4B1A47 by changing the saturation by 10% instead.



4B1A47



4B1A47

FFFFFF



330230



7E4978



20001C



986291



000000



B37BAC



CF95C7



ECB0E3



FFCCFF



FFE8FF



4B1A47



4B1A47

■ 4B1346

■ 4B2248

■ 4B0B46

■ 4B2948

■ 4B0445

■ 4B3149

■ 4B0045

■ 4B3849

■ 4B404A

■ 4B474B

■ 4B4F4B

■ 4B564C

■ 4B5E4D

Harmonies

Analogous

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



2B2759



4B1A47



58112F

Triad

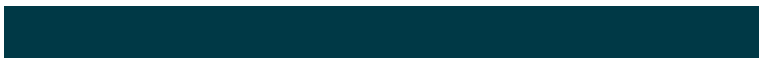
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4B1A47



392C00



003946

Complementary

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



4B1A47



1A4B1E

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.



00392D



4B1A47



213300

Square

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



4B1A47



4C2200



003713



003659

Rectangle

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



4B1A47



59131E



003713



00393E

Sweetspot

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



4B1A47



614E5F



1D1A4B



302530



B0B0B0



303030

Same Dimension

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



4B1A47



61155B



4B1A2F



262226



66005E



E600D3

Inverse Universe

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



4B1A47



61155B



1A4B36



262226



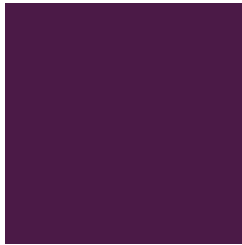
66005E



E600D3

Previews

White Background



This preview shows how the Hex color 4B1A47 looks on a white background.

Color Contrast Check

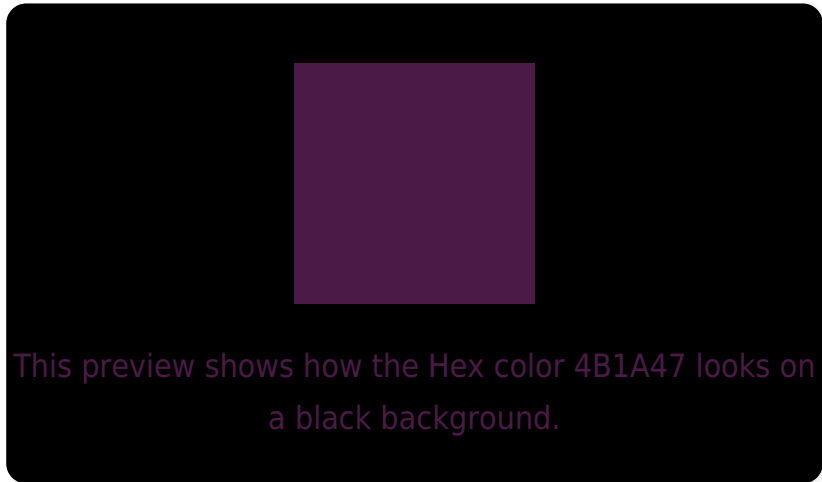
Large Text (above 18pt) WCAG AA ✓ Pass

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

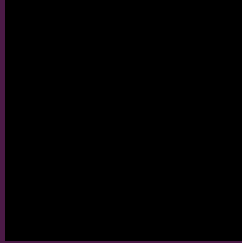
Any Text WCAG AA × Fail

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 4B1A47 Background



This preview shows how black text looks on a background with the Hex color 4B1A47.



This preview shows how white text looks on a background with the Hex color 4B1A47.

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
4B1A47

Protanopia
172D58

Deuteranopia
262E44



Tritanopia
472426

Trichromacy



Original Color
4B1A47

Protanomaly
2A2652

Deuteranomaly
332745

Tritanomaly
482032

Monochromacy



Original Color
4B1A47

Achromatopsia
2E2E2E

Achromatomaly
392737

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B1A47 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 #4B1A47 looks like.

```
.text, #text, p{  
    color:#4B1A47  
}
```

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 #4B1A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B1A47
}
```

Border

The CSS property to change the border of an element to Hex 4B1A47 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
#4B1A47 }
```

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

```
.border{ border-color:#4B1A47 }
```

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

Here you see how a box with a 4 pixel #4B1A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B1A47; -webkit-box-shadow:4px 4px  
4px 4px #4B1A47; box-shadow:4px 4px 4px  
4px #4B1A47 }
```

Background

The CSS property to change the background color of an element to Hex 4B1A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B1A47 }
```

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

```
.background{ background-color:#4B1A47 }
```

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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