

# Converting Colors

Hex(4B1019)

Have a look what the booklet for  
Hex(4B1019) contains.

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**Color**

**Hex(4B1019)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B1019
RGB	75, 16, 25
RGB Percent	29%, 6%, 10%
CMY	0.7059, 0.9373, 0.9020
CMYK	0.00, 0.79, 0.67, 0.71
HSL	351°, 65%, 18%
HSV	351°, 79%, 29%
XYZ	3.2624, 1.9366, 1.1216
YIQ	34.6670, 32.2750, 15.3070

# Conversions

## Conversions Part 2

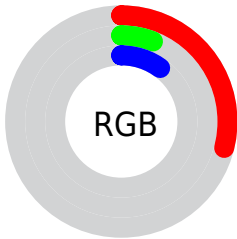
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 16, 25
Decimal	4919321
CIE Lab	15.15, 28.22, 10.19
CIE LCh	15, 30.006, 19.858
Yxy	1.9366, 0.5162, 0.3064
Android (android.graphics.Color)	4283109401 (0xFF4B1019)
YUV	34.6670, -4.7658, 35.3720
Hunter-Lab	13.9163, 17.4925, 4.9630

# Details

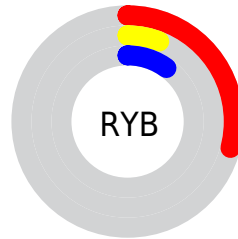
The Hex color **4B1019** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **104B42**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **803F44**, and **110000** is the 20% darker color. If you saturate the color by 10%, you get **4B0913**, and if you desaturate by 10%, it is **4B181F**.

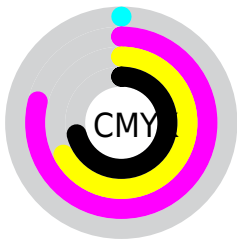
# Distribution



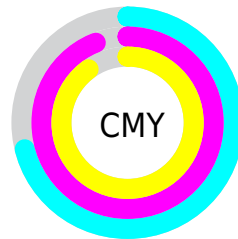
- Red (29%)
- Green (6%)
- Blue (10%)



- Red (29%)
- Yellow (6%)
- Blue (10%)



- Cyan (0%)
- Magenta (79%)
- Yellow (67%)
- Black (71%)



- Cyan (71%)
- Magenta (94%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B1019 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 4B1019 by changing the saturation by 10% instead.




 4B1019

 4B1019

 FFFAFB

 330000

 803F44

 110000

 9B585B

 000000

 B77174

 D48B8D

 F1A5A8

 FFC1C3

 FFDDDF

 4B1019

 4B1019

■ 4B0913

■ 4B181F

■ 4B010C

■ 4B1F26

■ 4B000B

■ 4B272C

■ 4B2E32

■ 4B3639

■ 4B3D3F

■ 4B4545

■ 4B4C4C

■ 4B5452

# Harmonies

## Analogous

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



48102E



4B1019



441900

# Triad

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



4B1019



062D05



002B50

# Complementary

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



4B1019



104B42

# 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.



002E46



4B1019



002F1E

# Square

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



4B1019



242900



003034



14234E

# Rectangle

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



4B1019



3C1F00



003034



002C4E



# Sweetspot

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



4B1019



614A4D



41104B



302225



B0B0B0



303030



# Same Dimension

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



4B1019



610614



4B2410



262223



660010



E60023



# Inverse Universe

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



4B1019



610614



10374B



262223



660010

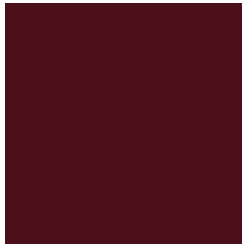


E60023



# Previews

## White Background



This preview shows how the Hex color 4B1019 looks on a white background.

## Color Contrast Check

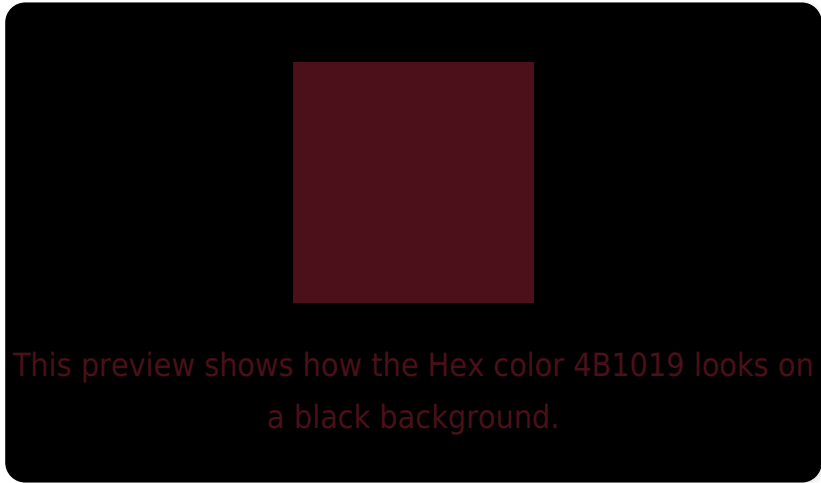
Large Text (above 18pt) WCAG AA ✓ Pass

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

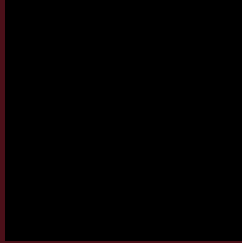
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B1019 Background



This preview shows how black text looks on a background with the Hex color 4B1019.



This preview shows how white text looks on a background with the Hex color 4B1019.

# 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**  
4B1019

**Protanopia**  
2A2822

**Deuteranopia**  
312616



**Tritanopia**  
4B1112

# Trichromacy



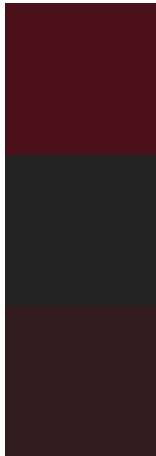
**Original Color**  
4B1019

**Protanomaly**  
361F1F

**Deuteranomaly**  
3A1E17

**Tritanomaly**  
4B1115

# Monochromacy



**Original Color**  
4B1019

**Achromatopsia**  
232323

**Achromatomaly**  
321C1F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B1019 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 #4B1019 looks like.

```
.text, #text, p{  
    color:#4B1019  
}
```

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 #4B1019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B1019
}
```

## Border

The CSS property to change the border of an element to Hex 4B1019 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
#4B1019 }
```

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

```
.border{ border-color:#4B1019 }
```

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

Here you see how a box with a 4 pixel #4B1019 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B1019; -webkit-box-shadow:4px 4px  
4px 4px #4B1019; box-shadow:4px 4px 4px  
4px #4B1019 }
```

# Background

The CSS property to change the background color of an element to Hex 4B1019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B1019 }
```

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

```
.background{ background-color:#4B1019 }
```

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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