

# Converting Colors

Hex(4F1B33)

Have a look what the booklet for  
Hex(4F1B33) contains.

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# Color

**Hex(4F1B33)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F1B33
RGB	79, 27, 51
RGB Percent	31%, 11%, 20%
CMY	0.6902, 0.8941, 0.8000
CMYK	0.00, 0.66, 0.35, 0.69
HSL	332°, 49%, 21%
HSV	332°, 66%, 31%
XYZ	4.2139, 2.6851, 3.4282
YIQ	45.2840, 23.2880, 18.4880

# Conversions

## Conversions Part 2

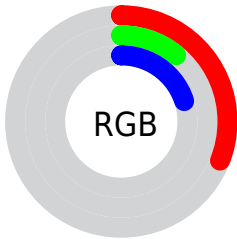
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 27, 51
Decimal	5184307
CIE <sub>Lab</sub>	18.74, 27.24, -3.26
CIE <sub>LCh</sub>	19, 27.435, 353.168
Yxy	2.6851, 0.4080, 0.2600
Android (android.graphics.Color)	4283374387 (0xFF4F1B33)
YUV	45.2840, 2.8180, 29.5689
Hunter-Lab	16.3864, 17.2267, -0.9334

# Details

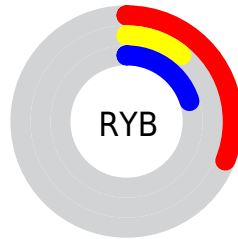
The Hex color **4F1B33** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1B4F37**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **824A61**, and **230004** is the 20% darker color. If you saturate the color by 10%, you get **4F132F**, and if you desaturate by 10%, it is **4F2337**.

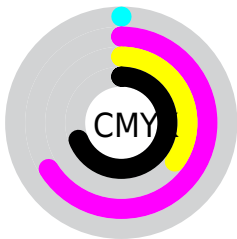
# Distribution



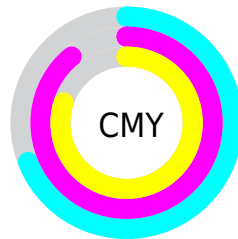
- Red (31%)
- Green (11%)
- Blue (20%)



- Red (31%)
- Yellow (11%)
- Blue (20%)



- Cyan (0%)
- Magenta (66%)
- Yellow (35%)
- Black (69%)



- Cyan (69%)
- Magenta (89%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F1B33 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 4F1B33 by changing the saturation by 10% instead.





4F1B33



4F1B33

FFFFFF



37041E



824A61



230004



9D627A



000000



B97C94



D596AE



F2B1CA



FFCDE6



FFE9FF



4F1B33



4F1B33

■ 4F132F

■ 4F2337

■ 4F0B2A

■ 4F2B3C

■ 4F0326

■ 4F3340

■ 4F0024

■ 4F3B44

■ 4F4348

■ 4F4A4D

■ 4F5251

■ 4F5A55

■ 4F6259

# Harmonies

## Analogous

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



412146



4F1B33



511C1F

# Triad

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



4F1B33



293103



00354D

# Complementary

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



4F1B33



1B4F37

# 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.



00373D



4F1B33



0E3514

# Square

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



4F1B33



3C2B00



003728



003155

# Rectangle

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



4F1B33



4D2013



003728



003648



# Sweetspot

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



4F1B33



66525B



371B4F



33272C



B3B3B3



333333



# Same Dimension

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



4F1B33



66153B



4F1D1B



262224



66002F



E6006A



# Inverse Universe

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



4F1B33



66153B



1B4D4F



262224



66002F

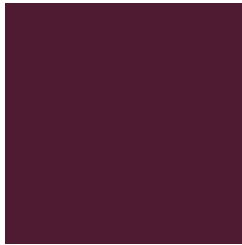


E6006A



# Previews

## White Background



This preview shows how the Hex color 4F1B33 looks on a white background.

## Color Contrast Check

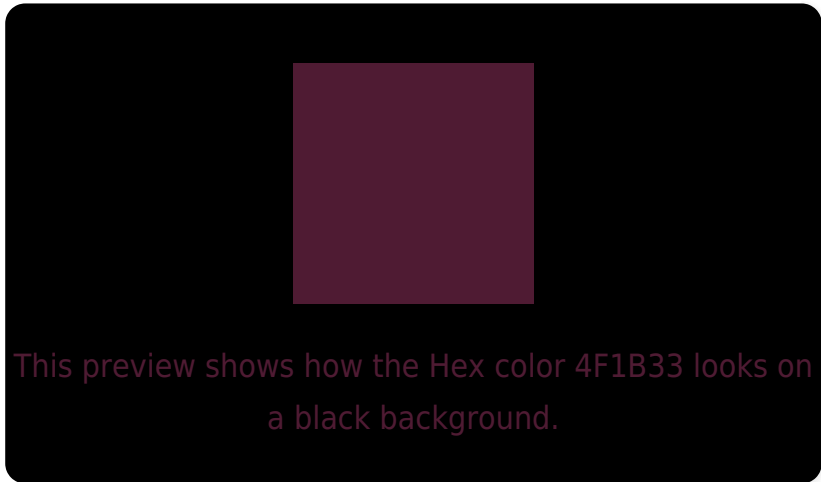
Large Text (above 18pt) WCAG AA ✓ Pass

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

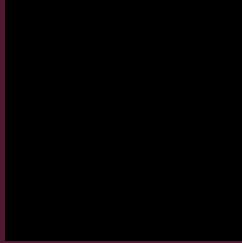
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F1B33 Background



This preview shows how black text looks on a background with the Hex color 4F1B33.



This preview shows how white text looks on a background with the Hex color 4F1B33.

# 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**  
4F1B33

**Protanopia**  
2A2E40

**Deuteranopia**  
332D30



**Tritanopia**  
4E1F21

# Trichromacy



**Original Color**  
4F1B33

**Protanomaly**  
37273B

**Deuteranomaly**  
3D2631

**Tritanomaly**  
4E1E28

# Monochromacy



**Original Color**  
4F1B33

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
39262F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F1B33 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 #4F1B33 looks like.

```
.text, #text, p{  
    color:#4F1B33  
}
```

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 #4F1B33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F1B33
}
```

## Border

The CSS property to change the border of an element to Hex 4F1B33 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".

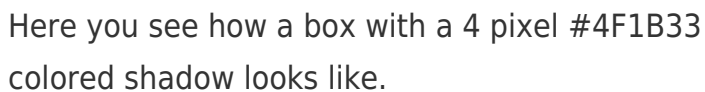
```
.border, #border, table{ border:4px solid
#4F1B33 }
```

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

```
.border{ border-color:#4F1B33 }
```

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

Here you see how a box with a 4 pixel #4F1B33 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 horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F1B33; -webkit-box-shadow:4px 4px  
4px 4px #4F1B33; box-shadow:4px 4px 4px  
4px #4F1B33 }
```

# Background

The CSS property to change the background color of an element to Hex 4F1B33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F1B33 }
```

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

```
.background{ background-color:#4F1B33 }
```

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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