

# Converting Colors

Hex(4F1734)

Have a look what the booklet for  
Hex(4F1734) contains.

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# Color

**Hex(4F1734)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F1734
RGB	79, 23, 52
RGB Percent	31%, 9%, 20%
CMY	0.6902, 0.9098, 0.7961
CMYK	0.00, 0.71, 0.34, 0.69
HSL	329°, 55%, 20%
HSV	329°, 71%, 31%
XYZ	4.1507, 2.5230, 3.5170
YIQ	43.0500, 24.0670, 20.8910

# Conversions

## Conversions Part 2

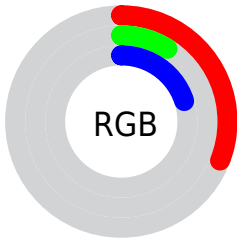
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 23, 52
Decimal	5183284
CIELab	18.02, 29.43, -5.04
CIElCh	18, 29.855, 350.290
Yxy	2.5230, 0.4073, 0.2476
Android (android.graphics.Color)	4283373364 (0xFF4F1734)
YUV	43.0500, 4.4124, 31.5282
Hunter-Lab	15.8839, 18.8475, -2.0093

# Details

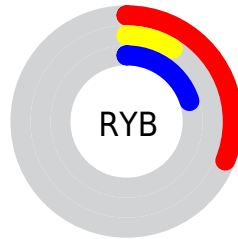
The Hex color **4F1734** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **174F32**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **834662**, and **220005** is the 20% darker color. If you saturate the color by 10%, you get **4F0F30**, and if you desaturate by 10%, it is **4F1F38**.

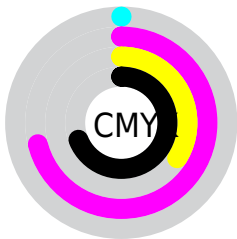
# Distribution



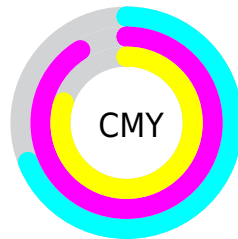
- Red (31%)
- Green (9%)
- Blue (20%)



- Red (31%)
- Yellow (9%)
- Blue (20%)



- Cyan (0%)
- Magenta (71%)
- Yellow (34%)
- Black (69%)



- Cyan (69%)
- Magenta (91%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F1734 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 4F1734 by changing the saturation by 10% instead.





4F1734



4F1734

FFFFFF



36001F



834662



220005



9D5F7B



000000



B97895



D592B0



F2ADCB



FFC9E7



FFE5FF



4F1734



4F1734

■ 4F0F30

■ 4F1F38

■ 4F072C

■ 4F273C

■ 4F0029

■ 4F2F3F

■ 4F3743

■ 4F3F47

■ 4F464B

■ 4F4E4F

■ 4F5652

■ 4F5E56

# Harmonies

## Analogous

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



3F1F48



4F1734



52171E

# Triad

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



4F1734



292F00



00354D

# Complementary

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



4F1734



174F32

# 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.



00363A



4F1734



0C340E

# Square

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



4F1734



3D2800



003624



003157

# Rectangle

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



4F1734



4E1C11



003624



003547



# Sweetspot

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



4F1734



66515C



31174F



33262D



B3B3B3



333333



# Same Dimension

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



4F1734



660F3C



4F1719



262224



660035



E60077



# Inverse Universe

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



4F1734



660F3C



174F4D



262224



660035

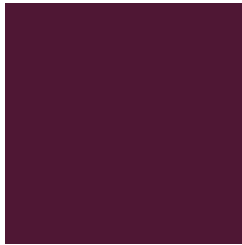


E60077



# Previews

## White Background



This preview shows how the Hex color 4F1734 looks on a white background.

## Color Contrast Check

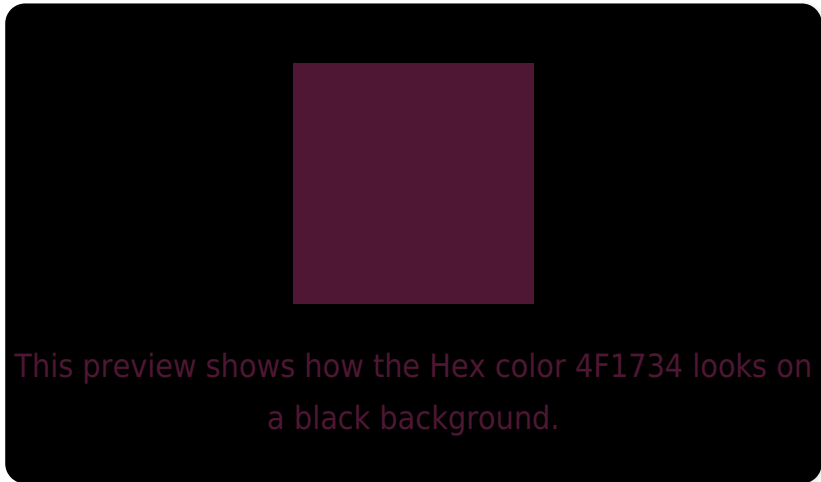
Large Text (above 18pt) WCAG AA ✓ Pass

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

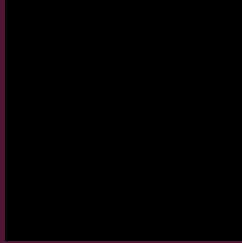
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F1734 Background



This preview shows how black text looks on a background with the Hex color 4F1734.



This preview shows how white text looks on a background with the Hex color 4F1734.

# 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**  
4F1734

**Protanopia**  
262D43

**Deuteranopia**  
302C31



**Tritanopia**  
4D1D1E

# Trichromacy



**Original Color**  
4F1734

**Protanomaly**  
35253E

**Deuteranomaly**  
3B2432

**Tritanomaly**  
4E1B26

# Monochromacy



**Original Color**  
4F1734

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
38242E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F1734 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 #4F1734 looks like.

```
.text, #text, p{  
    color:#4F1734  
}
```

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 #4F1734 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F1734
}
```

## Border

The CSS property to change the border of an element to Hex 4F1734 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".

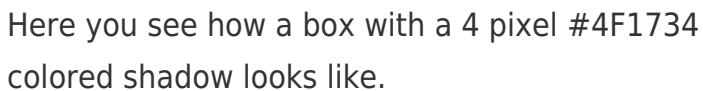
```
.border, #border, table{ border:4px solid
#4F1734 }
```

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

```
.border{ border-color:#4F1734 }
```

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

Here you see how a box with a 4 pixel #4F1734 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 on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F1734; -webkit-box-shadow:4px 4px  
4px 4px #4F1734; box-shadow:4px 4px 4px  
4px #4F1734 }
```

# Background

The CSS property to change the background color of an element to Hex 4F1734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F1734 }
```

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

```
.background{ background-color:#4F1734 }
```

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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