

Converting Colors

Hex(4F1735)

Have a look what the booklet for
Hex(4F1735) contains.

Hex(4F1735)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4F1735)

Conversions

Conversions Part 1

Format	Color
Hex	4F1735
RGB	79, 23, 53
RGB Percent	31%, 9%, 21%
CMY	0.6902, 0.9098, 0.7922
CMYK	0.00, 0.71, 0.33, 0.69
HSL	328°, 55%, 20%
HSV	328°, 71%, 31%
XYZ	4.1734, 2.5321, 3.6369
YIQ	43.1640, 23.7460, 21.2020

Conversions

Conversions Part 2

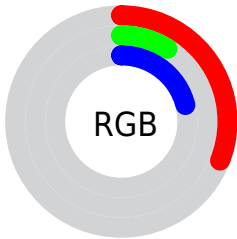
Format	Color
RYB	79, 23, 53
Decimal	5183285
CIELab	18.06, 29.57, -5.68
CIElCh	18, 30.113, 349.126
Yxy	2.5321, 0.4035, 0.2448
Android (android.graphics.Color)	4283373365 (0xFF4F1735)
YUV	43.1640, 4.8491, 31.4282
Hunter-Lab	15.9126, 18.9689, -2.4124

Details

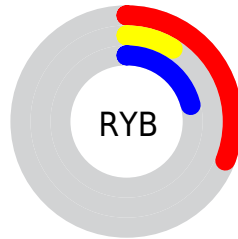
The Hex color **4F1735** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **174F31**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **824664**, and **220007** is the 20% darker color. If you saturate the color by 10%, you get **4F0F31**, and if you desaturate by 10%, it is **4F1F39**.

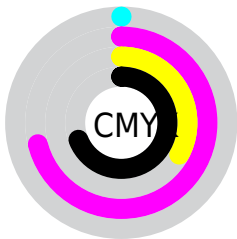
Distribution



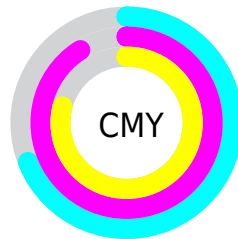
- Red (31%)
- Green (9%)
- Blue (21%)



- Red (31%)
- Yellow (9%)
- Blue (21%)



- Cyan (0%)
- Magenta (71%)
- Yellow (33%)
- Black (69%)



- Cyan (69%)
- Magenta (91%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F1735 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 4F1735 by changing the saturation by 10% instead.



4F1735



4F1735

FFFFFF



360020



824664



220007



9D5F7C



000000



B97896



D593B1



F2ADCC



FFC9E9



FFE5FF



4F1735



4F1735

■ 4F0F31

■ 4F1F39

■ 4F072E

■ 4F273C

■ 4F002A

■ 4F2F40

■ 4F3744

■ 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.



3E2049



4F1735



53171F

Triad

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



4F1735



2A2F00



00354D

Complementary

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



4F1735



174F31

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



4F1735



0D340D

Square

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



4F1735



3E2800



003623



003157

Rectangle

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



4F1735



4F1C12



003623



003647

Sweetspot

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



4F1735



66515C



30174F



33262D



B3B3B3



333333

Same Dimension

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



4F1735



660F3E



4F171A



262224



660037



E6007B

Inverse Universe

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



4F1735



660F3E



174F4C



262224



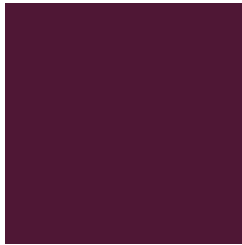
660037



E6007B

Previews

White Background



This preview shows how the Hex color 4F1735 looks on a white background.

Color Contrast Check

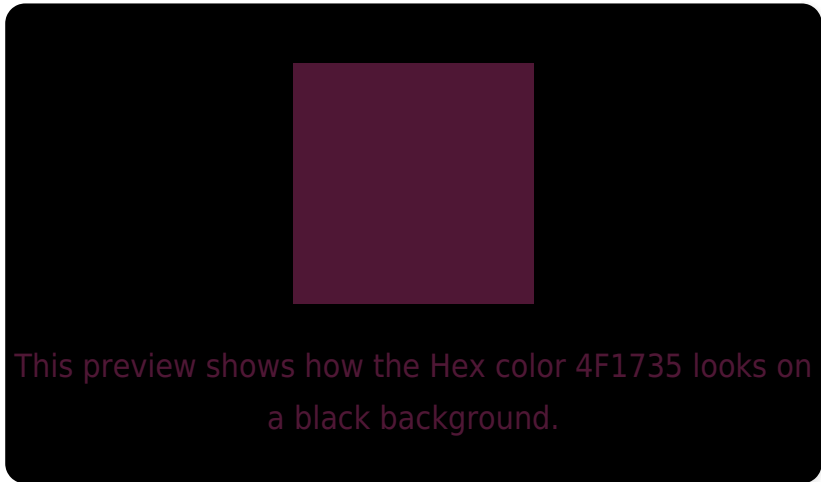
Large Text (above 18pt) WCAG AA ✓ Pass

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

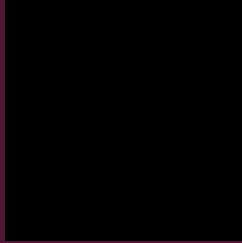
Any Text WCAG AA × Fail

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 4F1735 Background



This preview shows how black text looks on a background with the Hex color 4F1735.



This preview shows how white text looks on a background with the Hex color 4F1735.

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
4F1735

Protanopia
262D44

Deuteranopia
302C32



Tritanopia
4D1D1F

Trichromacy



Original Color
4F1735

Protanomaly
35253F

Deuteranomaly
3B2433

Tritanomaly
4E1B27

Monochromacy



Original Color
4F1735

Achromatopsia
2B2B2B

Achromatomaly
38242F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F1735 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 #4F1735 looks like.

```
.text, #text, p{  
    color:#4F1735  
}
```

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 #4F1735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F1735
}
```

Border

The CSS property to change the border of an element to Hex 4F1735 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".

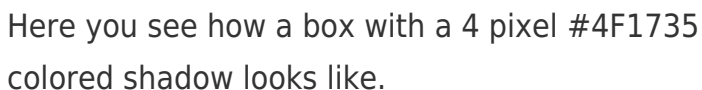
```
.border, #border, table{ border:4px solid
#4F1735 }
```

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

```
.border{ border-color:#4F1735 }
```

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

Here you see how a box with a 4 pixel #4F1735 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 cast to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F1735; -webkit-box-shadow:4px 4px  
4px 4px #4F1735; box-shadow:4px 4px 4px  
4px #4F1735 }
```

Background

The CSS property to change the background color of an element to Hex 4F1735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F1735 }
```

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

```
.background{ background-color:#4F1735 }
```

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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