

Converting Colors

Hex(4D111F)

Have a look what the booklet for
Hex(4D111F) contains.

Hex(4D111F)	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(4D111F)

Conversions

Conversions Part 1

Format	Color
Hex	4D111F
RGB	77, 17, 31
RGB Percent	30%, 7%, 12%
CMY	0.6980, 0.9333, 0.8784
CMYK	0.00, 0.78, 0.60, 0.70
HSL	346°, 64%, 18%
HSV	346°, 78%, 30%
XYZ	3.5083, 2.0776, 1.5124
YIQ	36.5360, 31.2660, 17.0740

Conversions

Conversions Part 2

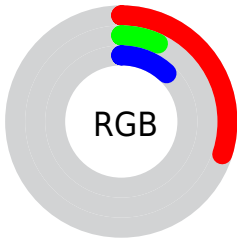
Format	Color
R_{YB}	77, 17, 31
Decimal	5050655
CIE _{Lab}	15.89, 29.02, 6.90
CIE _{LCh}	16, 29.834, 13.382
Yxy	2.0776, 0.4942, 0.2927
Android (android.graphics.Color)	4283240735 (0xFF4D111F)
YUV	36.5360, -2.7292, 35.4869
Hunter-Lab	14.4139, 18.2225, 3.8685

Details

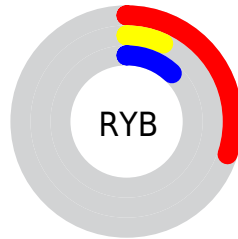
The Hex color **4D111F** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **114D3F**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **82414B**, and **180001** is the 20% darker color. If you saturate the color by 10%, you get **4D0919**, and if you desaturate by 10%, it is **4D1925**.

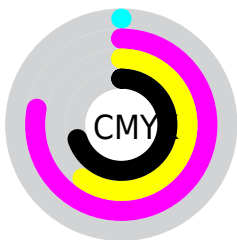
Distribution



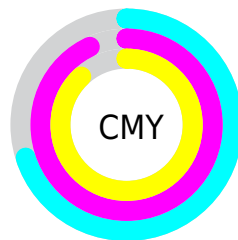
- Red (30%)
- Green (7%)
- Blue (12%)



- Red (30%)
- Yellow (7%)
- Blue (12%)



- Cyan (0%)
- Magenta (78%)
- Yellow (60%)
- Black (70%)



- Cyan (70%)
- Magenta (93%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D111F 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 4D111F by changing the saturation by 10% instead.

 4D111F

 4D111F

 FFFBFF

 350006

 82414B

 180001

 9D5962

 000000

 B9727B

 D58C95

 F3A7B0

 FFC2CB

 FFD7E7

 4D111F

 4D111F

■ 4D0919

■ 4D1925

■ 4D0213

■ 4D202B

■ 4D0012

■ 4D2831

■ 4D3037

■ 4D373D

■ 4D3F42

■ 4D4748

■ 4D4F4E

■ 4D5654

Harmonies

Analogous

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



471334



4D111F



481908

Triad

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



4D111F



112E02



002D50

Complementary

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



4D111F



114D3F

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.



003044



4D111F



00301B

Square

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



4D111F



2A2900



003131



062751

Rectangle

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



4D111F



411F00



003131



002F4D

Sweetspot

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



4D111F



634D52



3F114D



332528



B3B3B3



333333

Same Dimension

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



4D111F



63061C



4D2111



262223



660018



E60036

Inverse Universe

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



4D111F



63061C



113D4D



262223



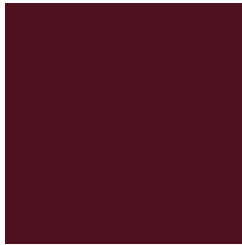
660018



E60036

Previews

White Background



This preview shows how the Hex color 4D111F looks on a white background.

Color Contrast Check

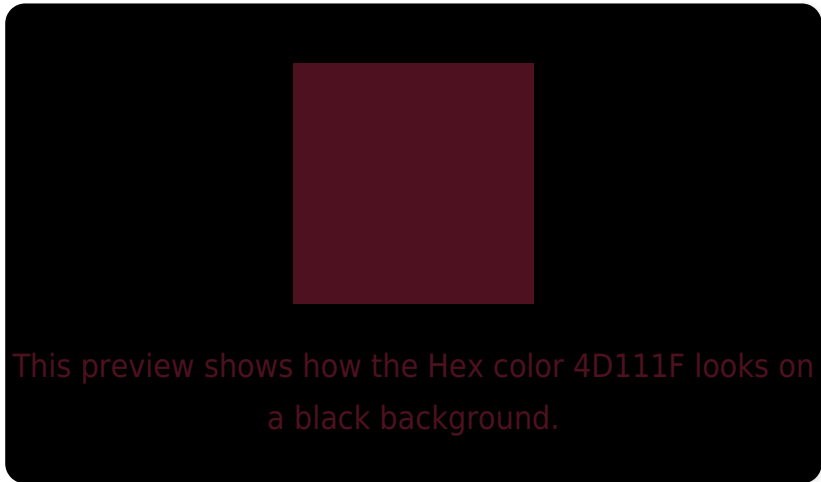
Large Text (above 18pt) WCAG AA ✓ Pass

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

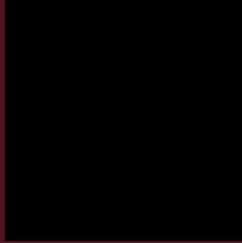
Any Text WCAG AA × Fail

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 4D111F Background



This preview shows how black text looks on a background with the Hex color 4D111F.



This preview shows how white text looks on a background with the Hex color 4D111F.

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
4D111F

Protanopia
2A292A

Deuteranopia
32281C



Tritanopia
4D1314

Trichromacy



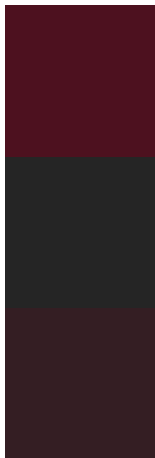
Original Color
4D111F

Protanomaly
372026

Deuteranomaly
3C201D

Tritanomaly
4D1218

Monochromacy



Original Color
4D111F

Achromatopsia
252525

Achromatomaly
341E23

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D111F 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 #4D111F looks like.

```
.text, #text, p{  
    color:#4D111F  
}
```

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 #4D111F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D111F
}
```

Border

The CSS property to change the border of an element to Hex 4D111F 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
#4D111F }
```

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

```
.border{ border-color:#4D111F }
```

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

Here you see how a box with a 4 pixel #4D111F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D111F; -webkit-box-shadow:4px 4px  
4px 4px #4D111F; box-shadow:4px 4px 4px  
4px #4D111F }
```

Background

The CSS property to change the background color of an element to Hex 4D111F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D111F }
```

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

```
.background{ background-color:#4D111F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor