

Converting Colors

Hex(4E121F)

Have a look what the booklet for
Hex(4E121F) contains.

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Color

Hex(4E121F)

Conversions

Conversions Part 1

Format	Color
Hex	4E121F
RGB	78, 18, 31
RGB Percent	31%, 7%, 12%
CMY	0.6941, 0.9294, 0.8784
CMYK	0.00, 0.77, 0.60, 0.69
HSL	347°, 63%, 19%
HSV	347°, 77%, 31%
XYZ	3.6055, 2.1512, 1.5215
YIQ	37.4220, 31.5870, 16.7630

Conversions

Conversions Part 2

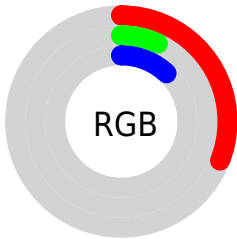
Format	Color
RYB	78, 18, 31
Decimal	5116447
CIELab	16.26, 28.94, 7.45
CIElCh	16, 29.886, 14.437
Yxy	2.1512, 0.4954, 0.2956
Android (android.graphics.Color)	4283306527 (0xFF4E121F)
YUV	37.4220, -3.1660, 35.5869
Hunter-Lab	14.6671, 18.2119, 4.1164

Details

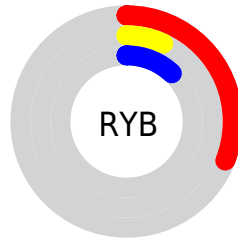
The Hex color **4E121F** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **124E41**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **83424B**, and **1A0001** is the 20% darker color. If you saturate the color by 10%, you get **4E0A19**, and if you desaturate by 10%, it is **4E1A25**.

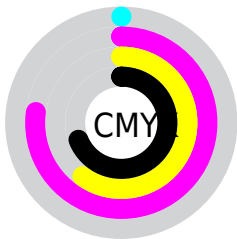
Distribution



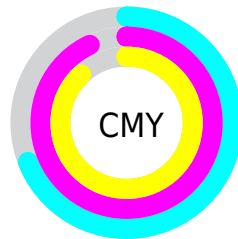
- Red (31%)
- Green (7%)
- Blue (12%)



- Red (31%)
- Yellow (7%)
- Blue (12%)



- Cyan (0%)
- Magenta (77%)
- Yellow (60%)
- Black (69%)



- Cyan (69%)
- Magenta (93%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E121F 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 4E121F by changing the saturation by 10% instead.

 4E121F

 4E121F

 FFFDFD

 350006

 83424B

 1A0001

 9E5A62

 000000

 BA737B

 D78D95

 F4A8B0

 FFC3CB

 FFE0E7

 4E121F

 4E121F

■ 4E0A19

■ 4E1A25

■ 4E0213

■ 4E222B

■ 4E0011

■ 4E2931

■ 4E3137

■ 4E393E

■ 4E4144

■ 4E494A

■ 4E5050

■ 4E5856

Harmonies

Analogous

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



491434



4E121F



491A09

Triad

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



4E121F



102F04



002E51

Complementary

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



4E121F



124E41

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.



003146



4E121F



00311C

Square

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



4E121F



2A2A00



003232



0B2752

Rectangle

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



4E121F



412000



003232



002F4F

Sweetspot

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



4E121F



664F54



41124E



332528



B3B3B3



333333

Same Dimension

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



4E121F



66081C



4E2312



262223



660016



E60032

Inverse Universe

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



4E121F



66081C



123D4E



262223



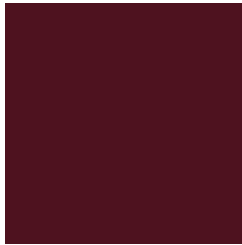
660016



E60032

Previews

White Background



This preview shows how the Hex color 4E121F 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

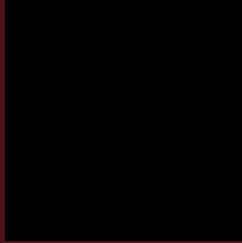
Any Text WCAG AA × Fail

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 4E121F Background



This preview shows how black text looks on a background with the Hex color 4E121F.

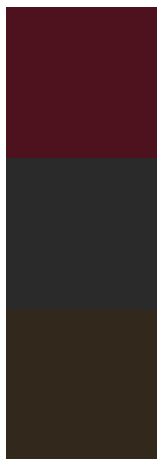


This preview shows how white text looks on a background with the Hex color 4E121F.

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
4E121F

Protanopia
2B2A2A

Deuteranopia
33281C



Tritanopia
4E1415

Trichromacy



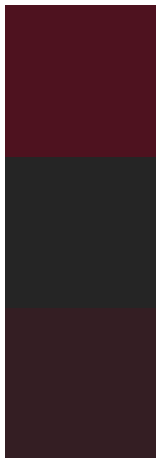
Original Color
4E121F

Protanomaly
382126

Deuteranomaly
3D201D

Tritanomaly
4E1319

Monochromacy



Original Color
4E121F

Achromatopsia
252525

Achromatomaly
341E23

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E121F 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 #4E121F looks like.

```
.text, #text, p{  
    color:#4E121F  
}
```

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 #4E121F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E121F  
}
```

Border

The CSS property to change the border of an element to Hex 4E121F 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".

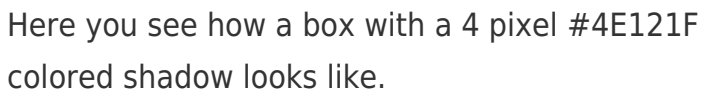
```
.border, #border, table{ border:4px solid  
#4E121F }
```

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

```
.border{ border-color:#4E121F }
```

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

Here you see how a box with a 4 pixel #4E121F colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #4E121F colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E121F; -webkit-box-shadow:4px 4px  
4px 4px #4E121F; box-shadow:4px 4px 4px  
4px #4E121F }
```

Background

The CSS property to change the background color of an element to Hex 4E121F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E121F }
```

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

```
.background{ background-color:#4E121F }
```

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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