

# Converting Colors

Hex(4E1977)

Have a look what the booklet for  
Hex(4E1977) contains.

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# Color

**Hex(4E1977)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E1977
RGB	78, 25, 119
RGB Percent	31%, 10%, 47%
CMY	0.6941, 0.9020, 0.5333
CMYK	0.34, 0.79, 0.00, 0.53
HSL	274°, 65%, 28%
HSV	274°, 79%, 47%
XYZ	6.8193, 3.6469, 17.7973
YIQ	51.5630, 1.4140, 40.4700

# Conversions

## Conversions Part 2

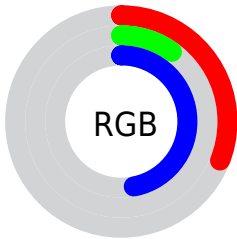
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 25, 119
Decimal	5118327
CIE Lab	22.47, 41.95, -43.03
CIE LCh	22, 60.097, 314.276
Yxy	3.6469, 0.2413, 0.1290
Android (android.graphics.Color)	4283308407 (0xFF4E1977)
YUV	51.5630, 33.2464, 23.1852
Hunter-Lab	19.0968, 30.3214, -41.8876

# Details

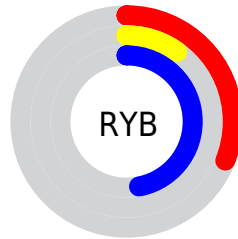
The Hex color **4E1977** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **427719**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **834BAC**, and **1C0046** is the 20% darker color. If you saturate the color by 10%, you get **490D77**, and if you desaturate by 10%, it is **532577**.

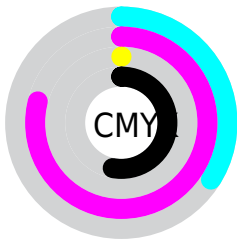
# Distribution



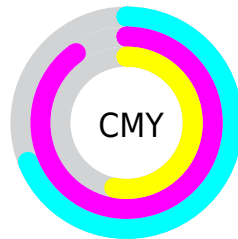
- Red (31%)
- Green (10%)
- Blue (47%)



- Red (31%)
- Yellow (10%)
- Blue (47%)



- Cyan (34%)
- Magenta (79%)
- Yellow (0%)
- Black (53%)



- Cyan (69%)
- Magenta (90%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E1977 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 4E1977 by changing the saturation by 10% instead.



 4E1977

 4E1977

FFFFFF

 34005E

 834BAC

 1C0046

 9E64C8

 00002E

 BA7EE4

 000119

 D798FF

 000000

 F4B4FF

 FFD0FF

 FFECFF

 4E1977

 4E1977

■ 490D77

■ 532577

■ 440177

■ 583177

■ 430077

■ 5E3D77

■ 634977

■ 685477

■ 6D6077

■ 726C77

■ 787877

■ 7D8477

# Harmonies

## Analogous

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



00358F



4E1977



76004F

# Triad

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



4E1977



562B00



00474B

# Complementary

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



4E1977



427719

# 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.



00451B



4E1977



2F3B00

# Square

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



4E1977



720400



004200



004674

# Rectangle

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



4E1977



7F0032



004200



00463B



# Sweetspot

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



4E1977



8B769C



194377



45384F



CFCFCF



4F4F4F



# Same Dimension

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



4E1977



5B089C



771972



38353B



45007A



8D00FA



# Inverse Universe

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



771942



9C0848



19771E



3B3537



7A0035

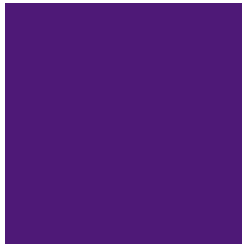


FA006D



# Previews

## White Background



This preview shows how the Hex color 4E1977 looks on a white background.

## Color Contrast Check

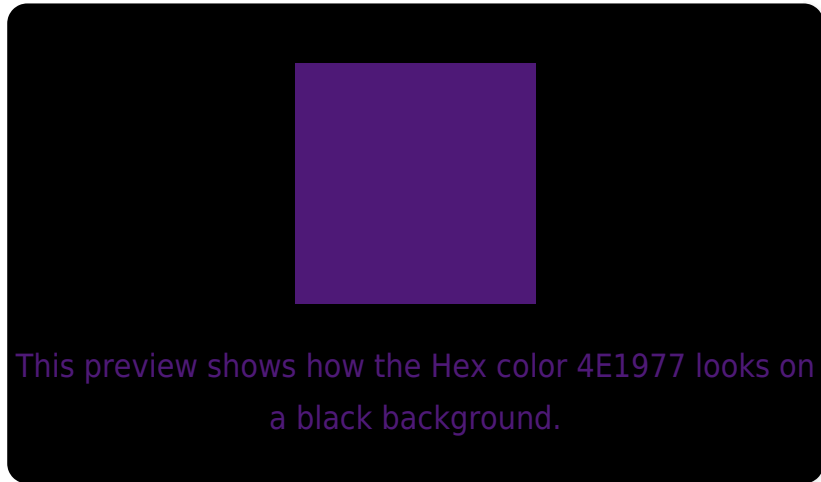
Large Text (above 18pt) WCAG AA ✓ Pass

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

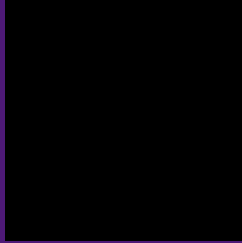
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E1977 Background



This preview shows how black text looks on a background with the Hex color 4E1977.



This preview shows how white text looks on a background with the Hex color 4E1977.

# 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](#).

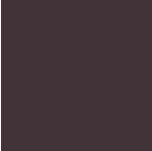
## Dichromacy



**Original Color**  
4E1977

**Protanopia**  
003570

**Deuteranopia**  
003861



**Tritanopia**  
423337

# Trichromacy



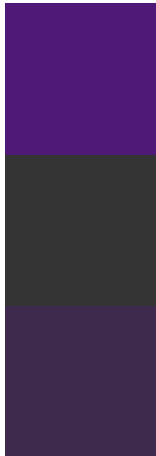
**Original Color**  
4E1977

**Protanomaly**  
1C2B73

**Deuteranomaly**  
1C2D69

**Tritanomaly**  
462A4E

# Monochromacy



**Original Color**  
4E1977

**Achromatopsia**  
343434

**Achromatomaly**  
3D2A4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E1977 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 #4E1977 looks like.

```
.text, #text, p{  
    color:#4E1977  
}
```

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 #4E1977 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E1977  
}
```

## Border

The CSS property to change the border of an element to Hex 4E1977 is called "border". The border property can be set on classes, ids or directly on the HTML element.

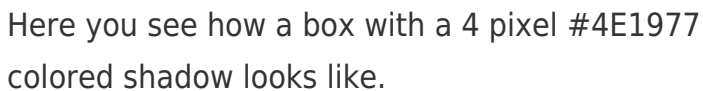
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4E1977 }
```

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

```
.border{ border-color:#4E1977 }
```

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



Here you see how a box with a 4 pixel #4E1977 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E1977; -webkit-box-shadow:4px 4px  
4px 4px #4E1977; box-shadow:4px 4px 4px  
4px #4E1977 }
```

# Background

The CSS property to change the background color of an element to Hex 4E1977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E1977 }
```

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

```
.background{ background-color:#4E1977 }
```

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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