

# Converting Colors

Hex(4D174E)

Have a look what the booklet for  
Hex(4D174E) contains.

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# Color

**Hex(4D174E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D174E
RGB	77, 23, 78
RGB Percent	30%, 9%, 31%
CMY	0.6980, 0.9098, 0.6941
CMYK	0.01, 0.71, 0.00, 0.69
HSL	299°, 54%, 20%
HSV	299°, 71%, 31%
XYZ	4.7421, 2.7406, 7.4868
YIQ	45.4160, 14.5290, 28.5530

# Conversions

## Conversions Part 2

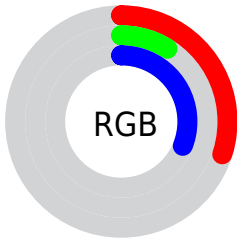
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 23, 78
Decimal	5052238
CIE <sub>Lab</sub>	18.97, 33.32, -21.64
CIE <sub>LCh</sub>	19, 39.729, 327.002
Yxy	2.7406, 0.3168, 0.1831
Android (android.graphics.Color)	4283242318 (0xFF4D174E)
YUV	45.4160, 16.0639, 27.6992
Hunter-Lab	16.5549, 22.1600, -15.2250

# Details

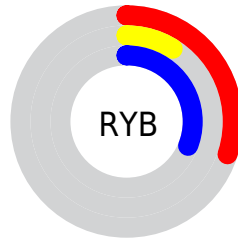
The Hex color **4D174E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **184E17**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **80477F**, and **220022** is the 20% darker color. If you saturate the color by 10%, you get **4D0F4E**, and if you desaturate by 10%, it is **4D1F4E**.

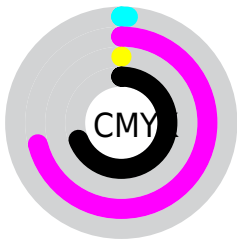
# Distribution



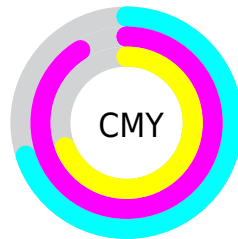
- Red (30%)
- Green (9%)
- Blue (31%)



- Red (30%)
- Yellow (9%)
- Blue (31%)



- Cyan (1%)
- Magenta (71%)
- Yellow (0%)
- Black (69%)



- Cyan (70%)
- Magenta (91%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D174E 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 4D174E by changing the saturation by 10% instead.



 4D174E

 4D174E


FFFFFF

 350037

 80477F

 220022

 9B6099

 000006

 B679B4

 000000

 D294D0

 EFAFEC

 FFCAFF

 FFE7FF

 4D174E

 4D174E

■ 4D0F4E

■ 4D1F4E

■ 4D074E

■ 4D274E

■ 4D004E

■ 4D2E4E

■ 4E364E

■ 4E3E4E

■ 4E464E

■ 4E4E4E

■ 4E554E

■ 4E5D4E

# Harmonies

## Analogous

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



232862



4D174E



5E0632

# Triad

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



4D174E



3C2C00



003A48

# Complementary

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



4D174E



184E17

# 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.



003A2A



4D174E



213400

# Square

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



4D174E



521F00



00380B



00385F

# Rectangle

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



4D174E



60081F



00380B



003A3E



# Sweetspot

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



4D174E



665166



17194E



332633



B3B3B3



333333



# Same Dimension

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



4D174E



640F66



4E1734



262226



640066



E100E6



# Inverse Universe

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



4E1718



660F11



174E31



262222



660002

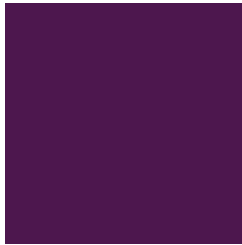


E60004



# Previews

## White Background



This preview shows how the Hex color 4D174E looks on a white background.

## Color Contrast Check

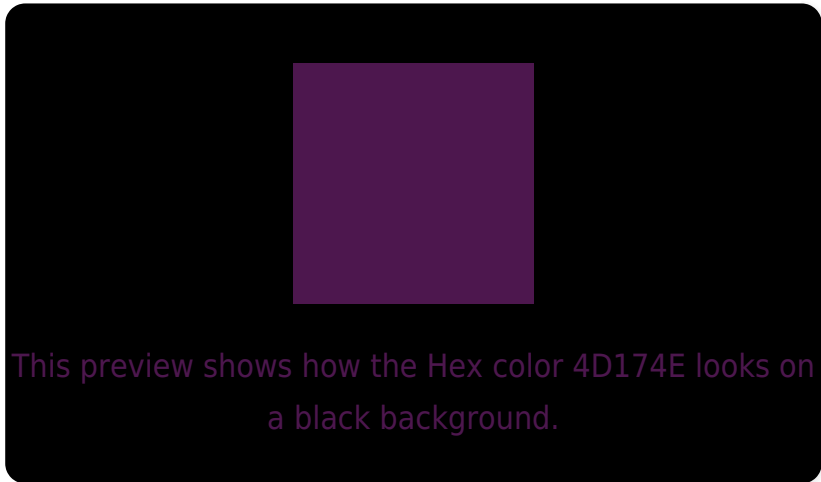
Large Text (above 18pt) WCAG AA ✓ Pass

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

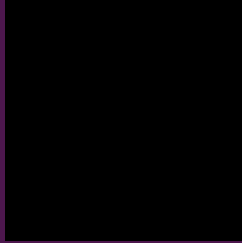
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D174E Background



This preview shows how black text looks on a background with the Hex color 4D174E.



This preview shows how white text looks on a background with the Hex color 4D174E.

# 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**  
4D174E

**Protanopia**  
002E61

**Deuteranopia**  
212F4A



**Tritanopia**  
482427

# Trichromacy



**Original Color**  
4D174E

**Protanomaly**  
1C265A

**Deuteranomaly**  
31264B

**Tritanomaly**  
4A1F35

# Monochromacy



**Original Color**  
4D174E

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
392539

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D174E 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 #4D174E looks like.

```
.text, #text, p{  
    color:#4D174E  
}
```

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 #4D174E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D174E
}
```

## Border

The CSS property to change the border of an element to Hex 4D174E is called "border". The border property can be set on classes, ids or directly on the HTML element.

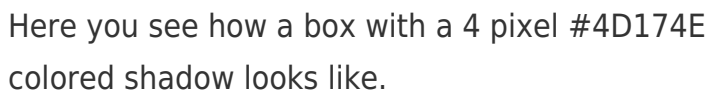
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D174E }
```

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

```
.border{ border-color:#4D174E }
```

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



Here you see how a box with a 4 pixel #4D174E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D174E; -webkit-box-shadow:4px 4px  
4px 4px #4D174E; box-shadow:4px 4px 4px  
4px #4D174E }
```

# Background

The CSS property to change the background color of an element to Hex 4D174E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D174E }
```

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

```
.background{ background-color:#4D174E }
```

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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