

# Converting Colors

Hex(4E254F)

Have a look what the booklet for  
Hex(4E254F) contains.

<b>Hex(4E254F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(4E254F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E254F
RGB	78, 37, 79
RGB Percent	31%, 15%, 31%
CMY	0.6941, 0.8549, 0.6902
CMYK	0.01, 0.53, 0.00, 0.69
HSL	299°, 36%, 23%
HSV	299°, 53%, 31%
XYZ	5.2147, 3.5074, 7.7993
YIQ	54.0470, 10.9540, 21.7540

# Conversions

## Conversions Part 2

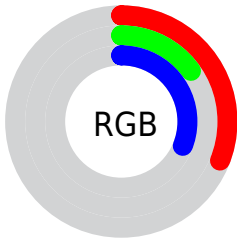
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	78, 37, 79
Decimal	5121359
CIE Lab	21.97, 26.32, -17.59
CIE LCh	22, 31.662, 326.243
Yxy	3.5074, 0.3156, 0.2123
Android (android.graphics.Color)	4283311439 (0xFF4E254F)
YUV	54.0470, 12.3018, 21.0068
Hunter-Lab	18.7279, 16.9290, -11.5819

# Details

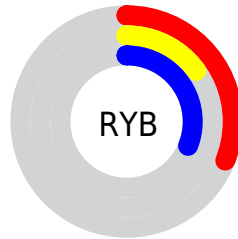
The Hex color **4E254F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **264F25**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **805480**, and **230023** is the 20% darker color. If you saturate the color by 10%, you get **4E1D4F**, and if you desaturate by 10%, it is **4E2D4F**.

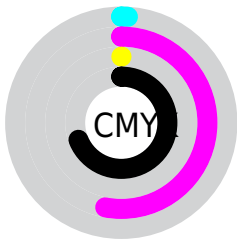
# Distribution



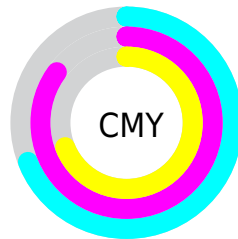
- Red (31%)
- Green (15%)
- Blue (31%)



- Red (31%)
- Yellow (15%)
- Blue (31%)



- Cyan (1%)
- Magenta (53%)
- Yellow (0%)
- Black (69%)



- Cyan (69%)
- Magenta (85%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E254F 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 4E254F by changing the saturation by 10% instead.





4E254F



4E254F

FFFFFF



360E38



805480



230023



9B6C9A



000009



B686B5



000000



D2A1D1



EEBCED



FFD8FF



FFF4FF



4E254F



4E254F

■ 4E1D4F

■ 4E2D4F

■ 4E154F

■ 4E354F

■ 4D0D4F

■ 4F3D4F

■ 4D054F

■ 4F454F

■ 4D004F

■ 4F4D4F

■ 4F544F

■ 4F5C4F

■ 50644F

■ 506C4F

# Harmonies

## Analogous

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



2F305F



4E254F



5D1E39

# Triad

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



4E254F



433200



003F49

# Complementary

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



4E254F



264F25

# 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.



003F31



4E254F



2C3904

# Square

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



4E254F



54290D



083D19



003D5B

# Rectangle

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



4E254F



5F1E29



083D19



004041



# Sweetspot

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



4E254F



665666



25264F



332933



B3B3B3



333333



# Same Dimension

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



4E254F



642566



4F253B



262226



640066



E000E6



# Inverse Universe

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



4F2526



662526



254F39



262223



660002

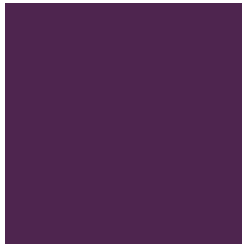


E60005



# Previews

## White Background



This preview shows how the Hex color 4E254F 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

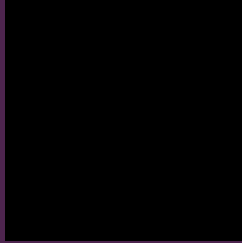
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E254F Background



This preview shows how black text looks on a background with the Hex color 4E254F.



This preview shows how white text looks on a background with the Hex color 4E254F.

# 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**  
4E254F

**Protanopia**  
24345C

**Deuteranopia**  
2D354C



**Tritanopia**  
4A2D30

# Trichromacy



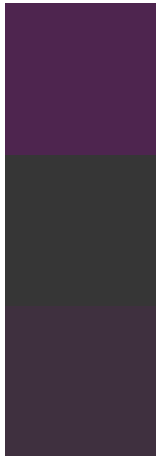
**Original Color**  
4E254F

**Protanomaly**  
332F57

**Deuteranomaly**  
392F4D

**Tritanomaly**  
4B2A3B

# Monochromacy



**Original Color**  
4E254F

**Achromatopsia**  
363636

**Achromatomaly**  
3F303F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E254F 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 #4E254F looks like.

```
.text, #text, p{  
    color:#4E254F  
}
```

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 #4E254F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E254F
}
```

## Border

The CSS property to change the border of an element to Hex 4E254F 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
#4E254F }
```

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

```
.border{ border-color:#4E254F }
```

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

Here you see how a box with a 4 pixel #4E254F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E254F; -webkit-box-shadow:4px 4px  
4px 4px #4E254F; box-shadow:4px 4px 4px  
4px #4E254F }
```

# Background

The CSS property to change the background color of an element to Hex 4E254F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E254F }
```

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

```
.background{ background-color:#4E254F }
```

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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