

Converting Colors

Hex(4E2154)

Have a look what the booklet for
Hex(4E2154) contains.

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Color

Hex(4E2154)

Conversions

Conversions Part 1

Format	Color
Hex	4E2154
RGB	78, 33, 84
RGB Percent	31%, 13%, 33%
CMY	0.6941, 0.8706, 0.6706
CMYK	0.07, 0.61, 0.00, 0.67
HSL	293°, 44%, 23%
HSV	293°, 61%, 33%
XYZ	5.2860, 3.3475, 8.7550
YIQ	52.2690, 10.4490, 25.4010

Conversions

Conversions Part 2

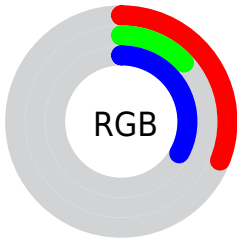
Format	Color
R_{YB}	78, 33, 84
Decimal	5120340
CIE _{Lab}	21.39, 29.71, -21.87
CIE _{LCh}	21, 36.890, 323.647
Yxy	3.3475, 0.3040, 0.1925
Android (android.graphics.Color)	4283310420 (0xFF4E2154)
YUV	52.2690, 15.6434, 22.5661
Hunter-Lab	18.2962, 19.5523, -15.5639

Details

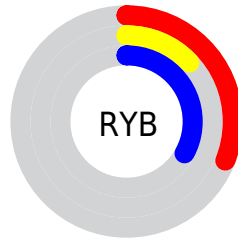
The Hex color **4E2154** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **275421**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **815086**, and **230027** is the 20% darker color. If you saturate the color by 10%, you get **4D1954**, and if you desaturate by 10%, it is **4F2954**.

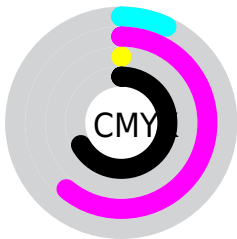
Distribution



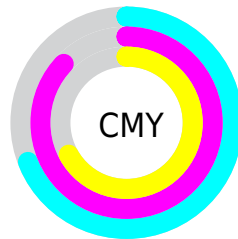
- Red (31%)
- Green (13%)
- Blue (33%)



- Red (31%)
- Yellow (13%)
- Blue (33%)



- Cyan (7%)
- Magenta (61%)
- Yellow (0%)
- Black (67%)



- Cyan (69%)
- Magenta (87%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E2154 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 4E2154 by changing the saturation by 10% instead.

 4E2154

 4E2154

FFFFFF

 36093D

 815086

 230027

 9B69A0

 000110

 B782BB

 000000

 D29DD7

 EFB8F4

 FFD4FF

 FFF0FF

 4E2154

 4E2154

■ 4D1954

■ 4F2954

■ 4C1054

■ 503254

■ 4B0854

■ 513A54

■ 4A0054

■ 524354

■ 534B54

■ 545354

■ 555C54

■ 566454

■ 576D54

Harmonies

Analogous

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



252F66



4E2154



60153A

Triad

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



4E2154



453000



003F48

Complementary

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



4E2154



275421

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.



003F2C



4E2154



2C3800

Square

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



4E2154



582403



003D10



003E5F

Rectangle

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



4E2154



631528



003D10



00403F

Sweetspot

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



4E2154



6B5A6E



212854



372C38



B8B8B8



383838

Same Dimension

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



4E2154



641E6E



542141



282529



5C0069



CD00E8

Inverse Universe

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



542127



6E1E27



215434



292525



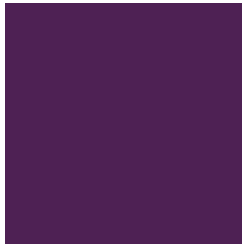
69000C



E8001B

Previews

White Background



This preview shows how the Hex color 4E2154 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

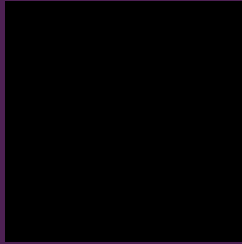
Any Text WCAG AA × Fail

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 4E2154 Background



This preview shows how black text looks on a background with the Hex color 4E2154.



This preview shows how white text looks on a background with the Hex color 4E2154.

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
4E2154

Protanopia
173365

Deuteranopia
263451



Tritanopia
492C2F

Trichromacy



Original Color
4E2154

Protanomaly
2B2C5F

Deuteranomaly
352D52

Tritanomaly
4B283C

Monochromacy



Original Color
4E2154

Achromatopsia
343434

Achromatomaly
3D2D40

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E2154 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 #4E2154 looks like.

```
.text, #text, p{  
    color:#4E2154  
}
```

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 #4E2154 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E2154  
}
```

Border

The CSS property to change the border of an element to Hex 4E2154 is called "border". The border property can be set on classes, ids or directly on the HTML element.

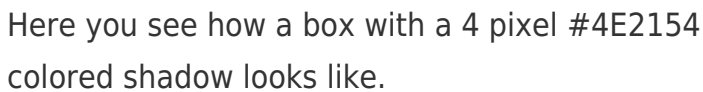
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4E2154 }
```

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

```
.border{ border-color:#4E2154 }
```

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



Here you see how a box with a 4 pixel #4E2154 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E2154; -webkit-box-shadow:4px 4px  
4px 4px #4E2154; box-shadow:4px 4px 4px  
4px #4E2154 }
```

Background

The CSS property to change the background color of an element to Hex 4E2154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E2154 }
```

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

```
.background{ background-color:#4E2154 }
```

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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