

Converting Colors

Hex(4E2659)

Have a look what the booklet for
Hex(4E2659) contains.

Hex(4E2659)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4E2659)

Conversions

Conversions Part 1

Format	Color
Hex	4E2659
RGB	78, 38, 89
RGB Percent	31%, 15%, 35%
CMY	0.6941, 0.8510, 0.6510
CMYK	0.12, 0.57, 0.00, 0.65
HSL	287°, 40%, 25%
HSV	287°, 57%, 35%
XYZ	5.6382, 3.7272, 9.8734
YIQ	55.7740, 7.4690, 24.3410

Conversions

Conversions Part 2

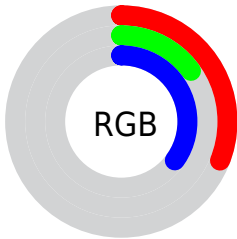
Format	Color
R_{YB}	78, 38, 89
Decimal	5121625
CIE _{Lab}	22.75, 27.98, -23.05
CIE _{LCh}	23, 36.251, 320.526
Yxy	3.7272, 0.2931, 0.1937
Android (android.graphics.Color)	4283311705 (0xFF4E2659)
YUV	55.7740, 16.3804, 19.4922
Hunter-Lab	19.3059, 18.3443, -16.8079

Details

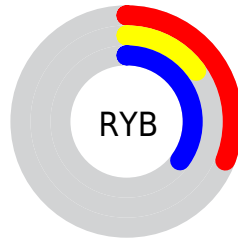
The Hex color **4E2659** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **315926**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **81558B**, and **21002B** is the 20% darker color. If you saturate the color by 10%, you get **4C1D59**, and if you desaturate by 10%, it is **502F59**.

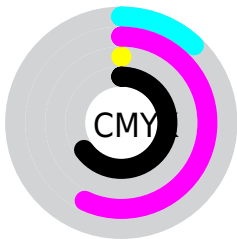
Distribution



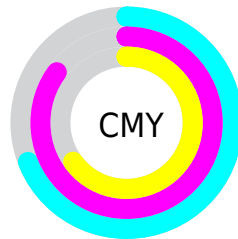
- Red (31%)
- Green (15%)
- Blue (35%)



- Red (31%)
- Yellow (15%)
- Blue (35%)



- Cyan (12%)
- Magenta (57%)
- Yellow (0%)
- Black (65%)



- Cyan (69%)
- Magenta (85%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E2659 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 4E2659 by changing the saturation by 10% instead.



4E2659



4E2659

FFFFFF



360F41



81558B



21002B



9B6EA6



000116



B687C1



000000



D2A2DD



EFBDFA



FFD9FF



FFF6FF



4E2659



4E2659

■ 4C1D59

■ 502F59

■ 4A1459

■ 523859

■ 480B59

■ 544159

■ 460259

■ 564A59

■ 460059

■ 585359

■ 5A5B59

■ 5B6459

■ 5D6D59

■ 5F7659

Harmonies

Analogous

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



223369



4E2659



621B40

Triad

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



4E2659



4A3200



004349

Complementary

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



4E2659



315926

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.



00422D



4E2659



323A00

Square

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



4E2659



5C260C



0B4011



004160

Rectangle

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



4E2659



66192E



0B4011



00433F

Sweetspot

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



4E2659



6F5F73



263159



382F3B



BABABA



3B3B3B

Same Dimension

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



4E2659



622473



59264B



2A272B



54006B



B800EB

Inverse Universe

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



592631



732435



265934



2B2728



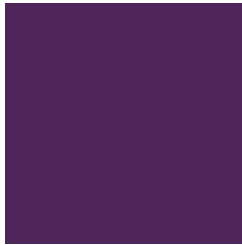
6B0017



EB0033

Previews

White Background



This preview shows how the Hex color 4E2659 looks on a white background.

Color Contrast Check

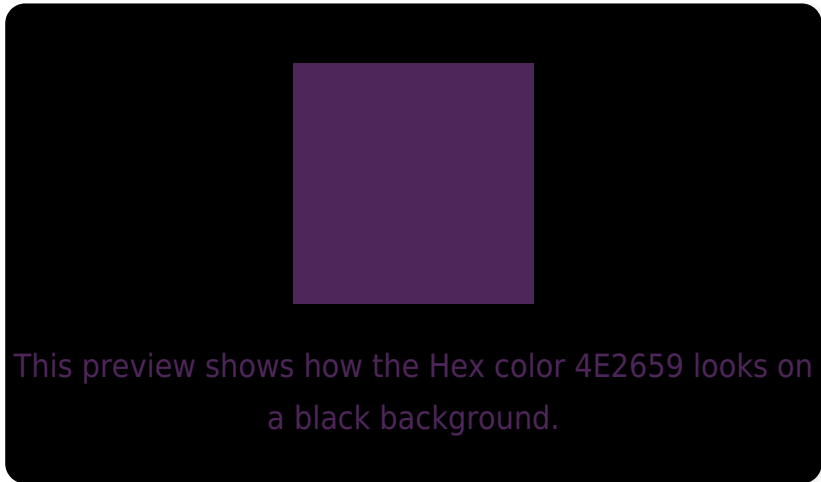
Large Text (above 18pt) WCAG AA ✓ Pass

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

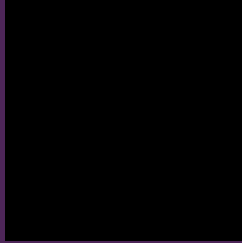
Any Text WCAG AA × Fail

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 4E2659 Background



This preview shows how black text looks on a background with the Hex color 4E2659.



This preview shows how white text looks on a background with the Hex color 4E2659.

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](#).

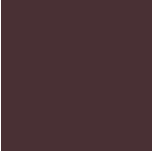
Dichromacy



Original Color
4E2659

Protanopia
1C3568

Deuteranopia
273756

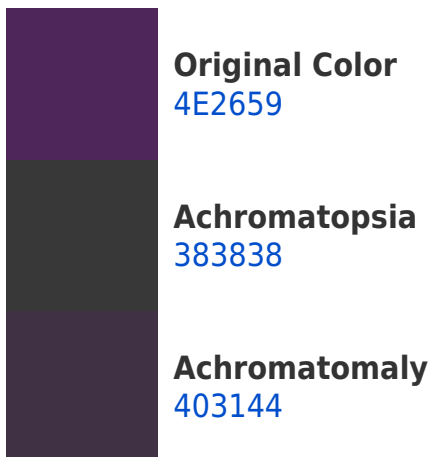


Tritanopia
493034

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E2659 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 #4E2659 looks like.

```
.text, #text, p{  
    color:#4E2659  
}
```

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 #4E2659 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E2659
}
```

Border

The CSS property to change the border of an element to Hex 4E2659 is called "border". The border property can be set on classes, ids or directly on the HTML element.

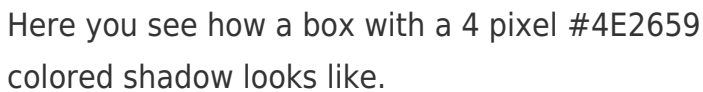
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E2659 }
```

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

```
.border{ border-color:#4E2659 }
```

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



Here you see how a box with a 4 pixel #4E2659 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E2659; -webkit-box-shadow:4px 4px  
4px 4px #4E2659; box-shadow:4px 4px 4px  
4px #4E2659 }
```

Background

The CSS property to change the background color of an element to Hex 4E2659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E2659 }
```

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

```
.background{ background-color:#4E2659 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor