

Converting Colors

Hex(4E245E)

Have a look what the booklet for
Hex(4E245E) contains.

Hex(4E245E)	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(4E245E)

Conversions

Conversions Part 1

Format	Color
Hex	4E245E
RGB	78, 36, 94
RGB Percent	31%, 14%, 37%
CMY	0.6941, 0.8588, 0.6314
CMYK	0.17, 0.62, 0.00, 0.63
HSL	283°, 45%, 25%
HSV	283°, 62%, 37%
XYZ	5.7931, 3.6896, 10.9965
YIQ	55.1700, 6.4140, 26.9420

Conversions

Conversions Part 2

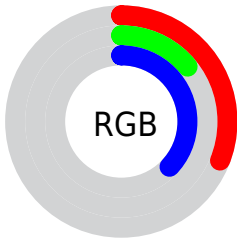
Format	Color
R_{YB}	78, 36, 94
Decimal	5121118
CIE _{Lab}	22.62, 30.32, -26.56
CIE _{LCh}	23, 40.303, 318.783
Yxy	3.6896, 0.2829, 0.1802
Android (android.graphics.Color)	4283311198 (0xFF4E245E)
YUV	55.1700, 19.1432, 20.0219
Hunter-Lab	19.2083, 20.2201, -20.4968

Details

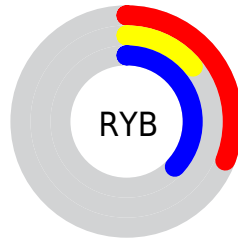
The Hex color **4E245E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **345E24**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **815391**, and **210030** is the 20% darker color. If you saturate the color by 10%, you get **4B1B5E**, and if you desaturate by 10%, it is **512D5E**.

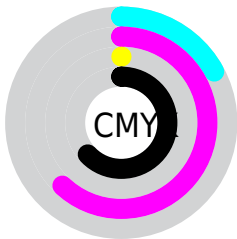
Distribution



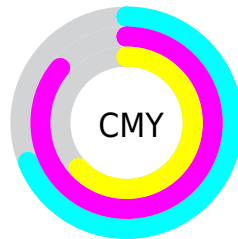
- Red (31%)
- Green (14%)
- Blue (37%)



- Red (31%)
- Yellow (14%)
- Blue (37%)



- Cyan (17%)
- Magenta (62%)
- Yellow (0%)
- Black (63%)



- Cyan (69%)
- Magenta (86%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E245E 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 4E245E by changing the saturation by 10% instead.



4E245E



4E245E

FFFFFF



360D46



815391



210030



9B6CAB



00011A



B786C7



000000



D3A0E3



EFBBFF



FFD7FF



FFF4FF



4E245E



4E245E

■ 4B1B5E

■ 512D5E

■ 49115E

■ 53375E

■ 46085E

■ 56405E

■ 44005E

■ 584A5E

■ 5B535E

■ 5E5C5E

■ 60665E

■ 636F5E

■ 65795E

Harmonies

Analogous

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



15336F



4E245E



651443

Triad

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



4E245E



4D3100



004349

Complementary

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



4E245E



345E24

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.



004229



4E245E



323A00

Square

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



4E245E



602306



044009



004263

Rectangle

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



4E245E



6A112F



044009



00433E

Sweetspot

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



4E245E



74637A



24345E



392F3D



BDBDBD



3D3D3D

Same Dimension

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



4E245E



61207A



5E2451



2D292E



4F006E



AC00ED

Inverse Universe

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



5E2434



7A2039



245E31



2E292B



6E001E



ED0041

Previews

White Background



This preview shows how the Hex color 4E245E looks on a white background.

Color Contrast Check

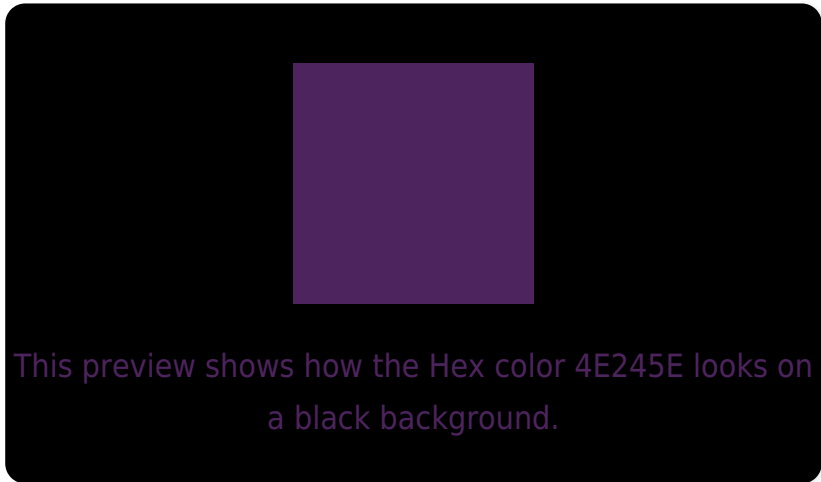
Large Text (above 18pt) WCAG AA ✓ Pass

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

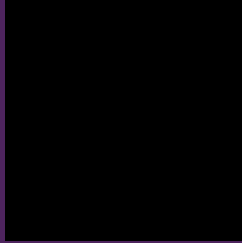
Any Text WCAG AA × Fail

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 4E245E Background



This preview shows how black text looks on a background with the Hex color 4E245E.



This preview shows how white text looks on a background with the Hex color 4E245E.

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
4E245E

Protanopia
0C356F

Deuteranopia
20375A



Tritanopia
483034

Trichromacy



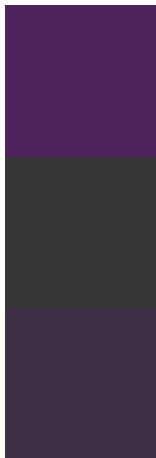
Original Color
4E245E

Protanomaly
242F69

Deuteranomaly
31305B

Tritanomaly
4A2C43

Monochromacy



Original Color
4E245E

Achromatopsia
373737

Achromatomaly
3F3045

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E245E 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 #4E245E looks like.

```
.text, #text, p{  
    color:#4E245E  
}
```

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 #4E245E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E245E
}
```

Border

The CSS property to change the border of an element to Hex 4E245E is called "border". The border property can be set on classes, ids or directly on the HTML element.

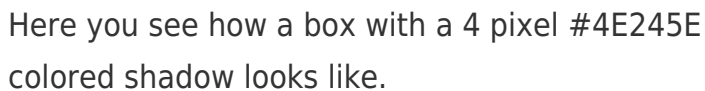
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E245E }
```

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

```
.border{ border-color:#4E245E }
```

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



Here you see how a box with a 4 pixel #4E245E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E245E; -webkit-box-shadow:4px 4px  
4px 4px #4E245E; box-shadow:4px 4px 4px  
4px #4E245E }
```

Background

The CSS property to change the background color of an element to Hex 4E245E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E245E }
```

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

```
.background{ background-color:#4E245E }
```

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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