

Converting Colors

Hex(4E2052)

Have a look what the booklet for
Hex(4E2052) contains.

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Color

Hex(4E2052)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 4E2052 |
| RGB | 78, 32, 82 |
| RGB Percent | 31%, 13%, 32% |
| CMY | 0.6941, 0.8745, 0.6784 |
| CMYK | 0.05, 0.61, 0.00, 0.68 |
| HSL | 295°, 44%, 22% |
| HSV | 295°, 61%, 32% |
| XYZ | 5.1814, 3.2619, 8.3392 |
| YIQ | 51.4540, 11.3660, 25.3020 |

Conversions

Conversions Part 2

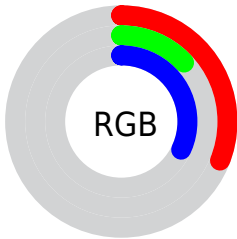
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 78, 32, 82 |
| Decimal | 5120082 |
| CIELab | 21.06, 29.83, -21.03 |
| CIElCh | 21, 36.497, 324.813 |
| Yxy | 3.2619, 0.3087, 0.1944 |
| Android (android.graphics.Color) | 4283310162 (0xFF4E2052) |
| YUV | 51.4540, 15.0592, 23.2808 |
| Hunter-Lab | 18.0608, 19.6028, -14.7333 |

Details

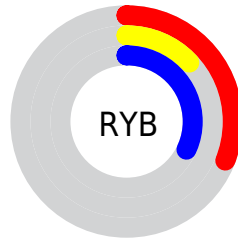
The Hex color **4E2052** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **245220**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **814F84**, and **230025** is the 20% darker color. If you saturate the color by 10%, you get **4D1852**, and if you desaturate by 10%, it is **4F2852**.

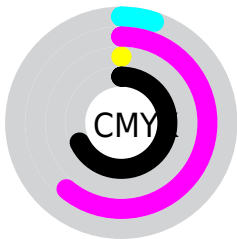
Distribution



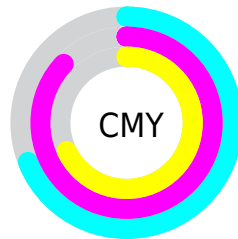
- Red (31%)
- Green (13%)
- Blue (32%)



- Red (31%)
- Yellow (13%)
- Blue (32%)



- Cyan (5%)
- Magenta (61%)
- Yellow (0%)
- Black (68%)



- Cyan (69%)
- Magenta (87%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E2052 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 4E2052 by changing the saturation by 10% instead.

 4E2052

 4E2052

FFFFFF

 36083B

 814F84

 230025

 9B689E

 00010D

 B781B9

 000000

 D39CD5

 EFB7F1

 FFD3FF

 FFEFFF

 4E2052

 4E2052

■ 4D1852

■ 4F2852

■ 4D1052

■ 4F3052

■ 4C0752

■ 503952

■ 4B0052

■ 514152

■ 514952

■ 525152

■ 535952

■ 536252

■ 546A52

Harmonies

Analogous

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



272E64



4E2052



5F1538

Triad

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



4E2052



433000



003F49

Complementary

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



4E2052



245220

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.



003E2D



4E2052



2A3800

Square

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



4E2052



562402



003C11



003D5E

Rectangle

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



4E2052



621527



003C11



003F40

Sweetspot

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



4E2052



6A586B



202452



352A36



B5B5B5



363636

Same Dimension

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



4E2052



651D6B



52203D



282529



600069



D500E8

Inverse Universe

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



522024



6B1D23



205235



292525



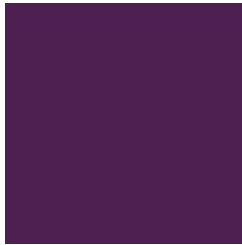
690008



E80013

Previews

White Background



This preview shows how the Hex color 4E2052 looks on a white background.

Color Contrast Check

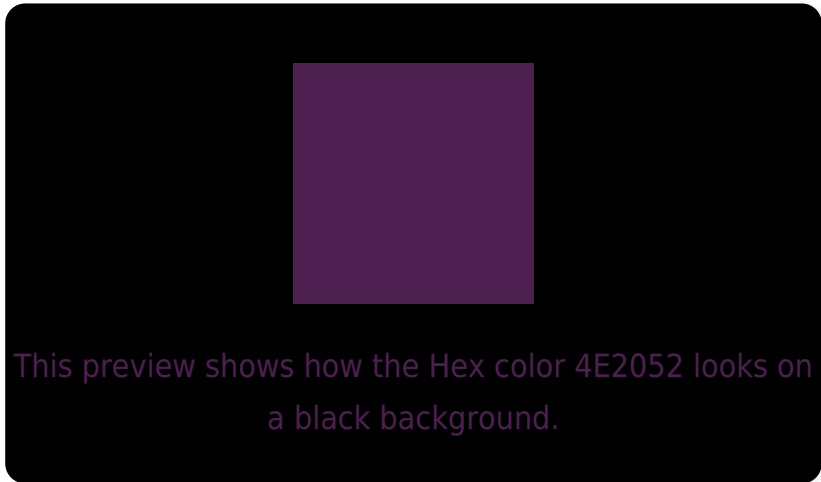
Large Text (above 18pt) WCAG AA ✓ Pass

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

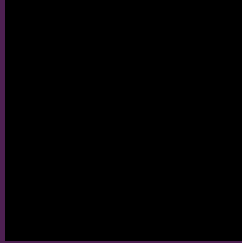
Any Text WCAG AA × Fail

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 4E2052 Background



This preview shows how black text looks on a background with the Hex color 4E2052.



This preview shows how white text looks on a background with the Hex color 4E2052.

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
4E2052

Protanopia
183263

Deuteranopia
26334F



Tritanopia
492A2E

Trichromacy



Original Color
4E2052

Protanomaly
2C2B5D

Deuteranomaly
352C50

Tritanomaly
4B263B

Monochromacy



Original Color
4E2052

Achromatopsia
333333

Achromatomaly
3D2C3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E2052 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 #4E2052 looks like.

```
.text, #text, p{  
    color:#4E2052  
}
```

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 #4E2052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E2052
}
```

Border

The CSS property to change the border of an element to Hex 4E2052 is called "border". The border property can be set on classes, ids or directly on the HTML element.

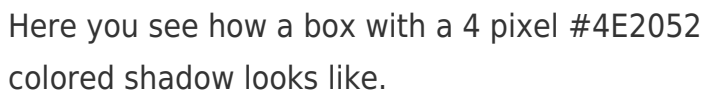
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E2052 }
```

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

```
.border{ border-color:#4E2052 }
```

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



Here you see how a box with a 4 pixel #4E2052 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E2052; -webkit-box-shadow:4px 4px  
4px 4px #4E2052; box-shadow:4px 4px 4px  
4px #4E2052 }
```

Background

The CSS property to change the background color of an element to Hex 4E2052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E2052 }
```

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

```
.background{ background-color:#4E2052 }
```

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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