

Converting Colors

Hex(4E0440)

Have a look what the booklet for
Hex(4E0440) contains.

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Color

Hex(4E0440)

Conversions

Conversions Part 1

Format	Color
Hex	4E0440
RGB	78, 4, 64
RGB Percent	31%, 2%, 25%
CMY	0.6941, 0.9843, 0.7490
CMYK	0.00, 0.95, 0.18, 0.69
HSL	311°, 90%, 16%
HSV	311°, 95%, 31%
XYZ	4.1107, 2.0767, 5.0347
YIQ	32.9660, 24.8440, 34.3480

Conversions

Conversions Part 2

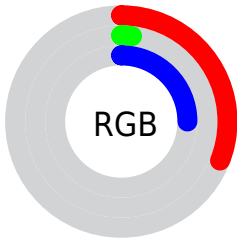
Format	Color
RYB	78, 4, 64
Decimal	5112896
CIELab	15.88, 38.07, -16.81
CIELCh	16, 41.620, 336.176
Yxy	2.0767, 0.3663, 0.1851
Android (android.graphics.Color)	4283302976 (0xFF4E0440)
YUV	32.9660, 15.2998, 39.4948
Hunter-Lab	14.4108, 25.6989, -10.6266

Details

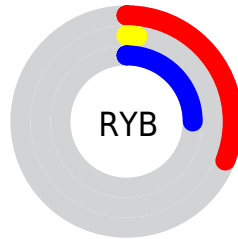
The Hex color **4E0440** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **044E12**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **823A70**, and **1E0015** is the 20% darker color. If you saturate the color by 10%, you get **4E003F**, and if you desaturate by 10%, it is **4E0C41**.

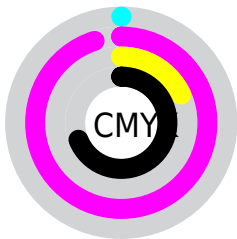
Distribution



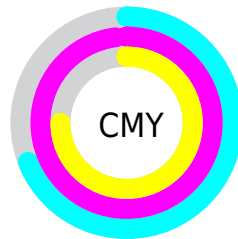
- Red (31%)
- Green (2%)
- Blue (25%)



- Red (31%)
- Yellow (2%)
- Blue (25%)



- Cyan (0%)
- Magenta (95%)
- Yellow (18%)
- Black (69%)



- Cyan (69%)
- Magenta (98%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E0440 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 4E0440 by changing the saturation by 10% instead.

 4E0440

 4E0440

 FFF6FF

 35002A

 823A70

 1E0015

 9D5389

 000000

 B96DA4

 D587BF

 F2A2DB

 FFBDF7

 FFD9FF

 4E0440

 4E0440

■ 4E003F

■ 4E0C41

■ 4E1443

■ 4E1B44

■ 4E2346

■ 4E2B47

■ 4E3349

■ 4E3B4A

■ 4E424C

■ 4E4A4D

Harmonies

Analogous

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



2C1C58



4E0440



590023

Triad

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



4E0440



2D2800



00334A

Complementary

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



4E0440



044E12

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.



00342D



4E0440



0B2F00

Square

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



4E0440



441C00



00320D



00315E

Rectangle

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



4E0440



58000F



00320D



003441

Sweetspot

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



4E0440



664961



12044E



332230



B3B3B3



333333

Same Dimension

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



4E0440



660053



4E041B



262226



E600BA

Inverse Universe

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



4E0440



660053



044E37



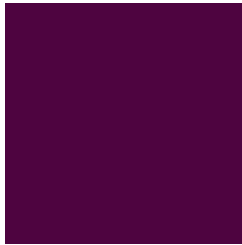
262226



E600BA

Previews

White Background



This preview shows how the Hex color 4E0440 looks on a white background.

Color Contrast Check

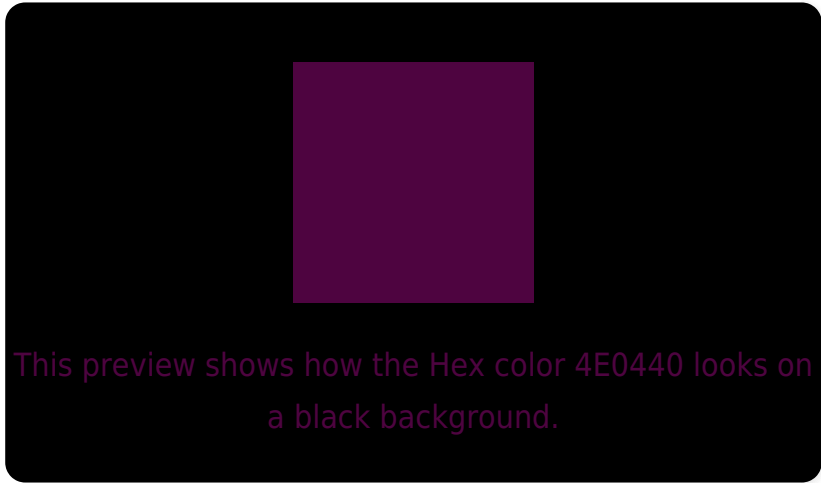
Large Text (above 18pt) WCAG AA ✓ Pass

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

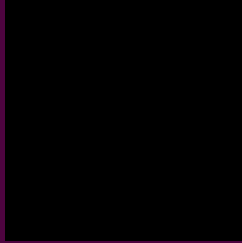
Any Text WCAG AA × Fail

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 4E0440 Background



This preview shows how black text looks on a background with the Hex color 4E0440.



This preview shows how white text looks on a background with the Hex color 4E0440.

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
4E0440

Protanopia
002958

Deuteranopia
252A3C



Tritanopia
4B191B

Trichromacy



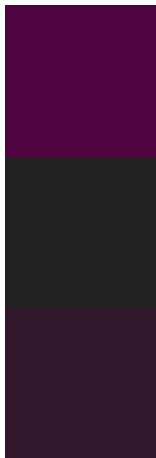
Original Color
4E0440

Protanomaly
1C1C4F

Deuteranomaly
341C3D

Tritanomaly
4C1128

Monochromacy



Original Color
4E0440

Achromatopsia
212121

Achromatomaly
31162C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E0440 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 #4E0440 looks like.

```
.text, #text, p{  
    color:#4E0440  
}
```

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 #4E0440 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E0440
}
```

Border

The CSS property to change the border of an element to Hex 4E0440 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".

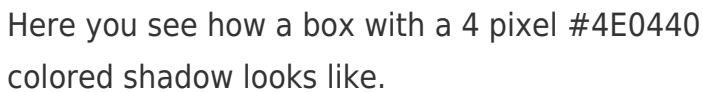
```
.border, #border, table{ border:4px solid
#4E0440 }
```

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

```
.border{ border-color:#4E0440 }
```

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

Here you see how a box with a 4 pixel #4E0440 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E0440; -webkit-box-shadow:4px 4px  
4px 4px #4E0440; box-shadow:4px 4px 4px  
4px #4E0440 }
```

Background

The CSS property to change the background color of an element to Hex 4E0440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E0440 }
```

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

```
.background{ background-color:#4E0440 }
```

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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