

Converting Colors

Hex(4E0856)

Have a look what the booklet for
Hex(4E0856) contains.

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Color

Hex(4E0856)

Conversions

Conversions Part 1	
Format	Color
Hex	4E0856
RGB	78, 8, 86
RGB Percent	31%, 3%, 34%
CMY	0.6941, 0.9686, 0.6627
CMYK	0.09, 0.91, 0.00, 0.66
HSL	294°, 83%, 18%
HSV	294°, 91%, 34%
XYZ	4.9084, 2.4653, 9.0212
YIQ	37.8220, 16.6820, 39.0980

Conversions

Conversions Part 2

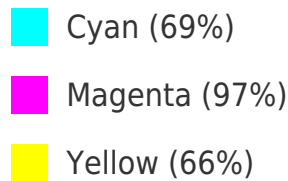
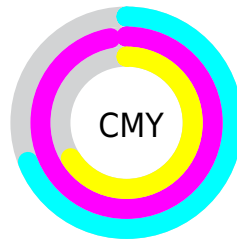
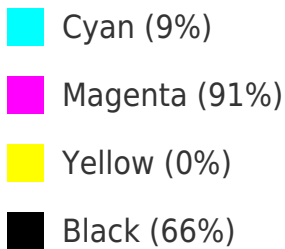
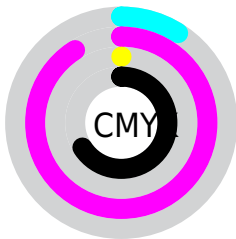
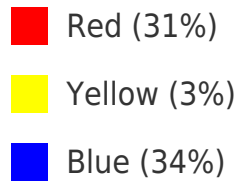
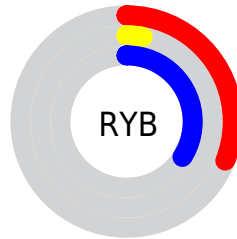
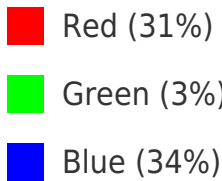
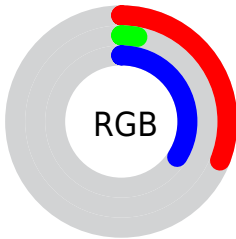
Format	Color
RYB	78, 8, 86
Decimal	5113942
CIELab	17.76, 40.68, -28.98
CIELCh	18, 49.945, 324.530
Yxy	2.4653, 0.2994, 0.1504
Android (android.graphics.Color)	4283304022 (0xFF4E0856)
YUV	37.8220, 23.7518, 35.2361
Hunter-Lab	15.7011, 28.3251, -23.0749

Details

The Hex color **4E0856** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **105608**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **823E88**, and **200028** is the 20% darker color. If you saturate the color by 10%, you get **4D0056**, and if you desaturate by 10%, it is **4F1156**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 4E0856 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 4E0856 by changing the saturation by 10% instead.

 4E0856

 4E0856

 FFFBFF

 35003E

 823E88

 200028

 9D57A3

 000111

 B971BE

 000000

 D58BDA

 F2A6F7

 FFC2FF

 FFDEFF

 4E0856

 4E0856

 4D0056

 4F1156

 501956

 512256

 522A56

 523356

 533C56

 544456

 554D56

 565556

Harmonies

Analogous

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



00256E



4E0856



640034

Triad

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



4E0856



3C2800



003A49

Complementary

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



4E0856



105608

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.



003924



4E0856



193200

Square

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



4E0856



561400



003700



003867

Rectangle

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



4E0856



67001C



003700



00393D

Sweetspot

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



4E0856



6D5270



081156



362638



B8B8B8



383838

Same Dimension

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



4E0856



650070



560838



2B272B



60006B



D300EB

Inverse Universe

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



560810



70000C



085626



2B2727



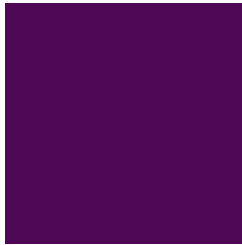
6B000B



EB0018

Previews

White Background



This preview shows how the Hex color 4E0856 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



This preview shows how the Hex color 4E0856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

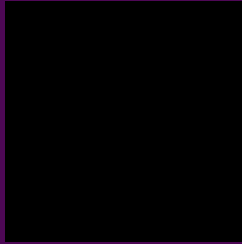
Any Text WCAG AA × Fail

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 4E0856 Background



This preview shows how black text looks on a background with the Hex color 4E0856.



This preview shows how white text looks on a background with the Hex color 4E0856.

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
4E0856

Protanopia
002D5E

Deuteranopia
112F51



Tritanopia

482225

Trichromacy



Original Color

4E0856



Protanomaly

1C205B



Deuteranomaly

272153



Tritanomaly

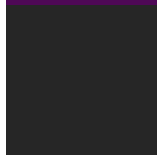
4A1937

Monochromacy



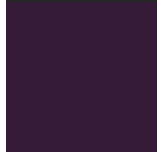
Original Color

4E0856



Achromatopsia

262626



Achromatomaly

351B37

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E0856 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 #4E0856 looks like.

```
.text, #text, p{  
    color:#4E0856  
}
```

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 #4E0856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E0856
}
```

Border

The CSS property to change the border of an element to Hex 4E0856 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
#4E0856 }
```

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

```
.border{ border-color:#4E0856 }
```

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

Here you see how a box with a 4 pixel #4E0856 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E0856; -webkit-box-shadow:4px 4px  
4px 4px #4E0856; box-shadow:4px 4px 4px  
4px #4E0856 }
```

Background

The CSS property to change the background color of an element to Hex 4E0856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E0856 }
```

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

```
.background{ background-color:#4E0856 }
```

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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