

Converting Colors

Hex(4C084E)

Have a look what the booklet for
Hex(4C084E) contains.

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Color

Hex(4C084E)

Conversions

Conversions Part 1

Format	Color
Hex	4C084E
RGB	76, 8, 78
RGB Percent	30%, 3%, 31%
CMY	0.7020, 0.9686, 0.6941
CMYK	0.03, 0.90, 0.00, 0.69
HSL	298°, 81%, 17%
HSV	298°, 90%, 31%
XYZ	4.4425, 2.2602, 7.4098
YIQ	36.3120, 18.0580, 36.1860

Conversions

Conversions Part 2

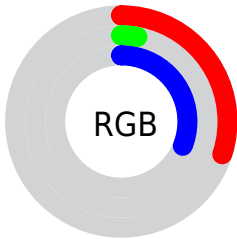
Format	Color
RYB	76, 8, 78
Decimal	4982862
CIELab	16.80, 38.74, -25.11
CIElCh	17, 46.163, 327.052
Yxy	2.2602, 0.3148, 0.1602
Android (android.graphics.Color)	4283172942 (0xFF4C084E)
YUV	36.3120, 20.5522, 34.8064
Hunter-Lab	15.0340, 26.4361, -18.6985

Details

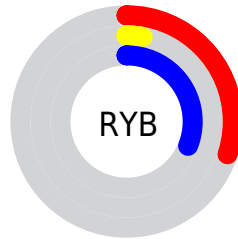
The Hex color **4C084E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0A4E08**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **803D80**, and **1D0021** is the 20% darker color. If you saturate the color by 10%, you get **4C004E**, and if you desaturate by 10%, it is **4C104E**.

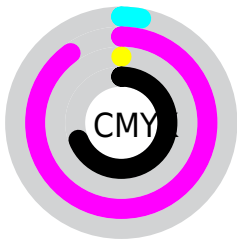
Distribution



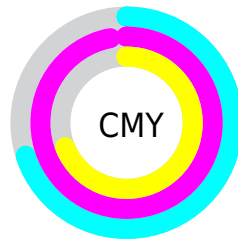
- Red (30%)
- Green (3%)
- Blue (31%)



- Red (30%)
- Yellow (3%)
- Blue (31%)



- Cyan (3%)
- Magenta (90%)
- Yellow (0%)
- Black (69%)



- Cyan (70%)
- Magenta (97%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C084E 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 4C084E by changing the saturation by 10% instead.

 4C084E

 4C084E


 FFF9FF

 330037

 803D80

 1D0021

 9A569A

 000006

 B66FB5

 000000

 D28AD0

 EFA5ED

 FFC0FF

 FFDCFF

 4C084E

 4C084E

■ 4C004E

■ 4C104E

■ 4C184E

■ 4D1F4E

■ 4D274E

■ 4D2F4E

■ 4D374E

■ 4E3F4E

■ 4E464E

■ 4E4E4E

Harmonies

Analogous

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



152265



4C084E



5F002E

Triad

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



4C084E



372700



003747

Complementary

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



4C084E



0A4E08

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.



003625



4C084E



163000

Square

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



4C084E



4F1700



003400



003561

Rectangle

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



4C084E



600019



003400



00373C

Sweetspot

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



4C084E



654A66



080A4E



332333



B3B3B3



333333

Same Dimension

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



4C084E



630066



4E082D



262226



DF00E6

Inverse Universe

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



4E080A



660003



084E29



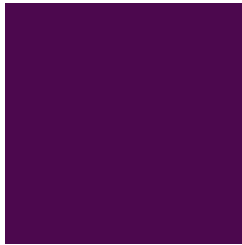
262223



E60007

Previews

White Background



This preview shows how the Hex color 4C084E looks on a white background.

Color Contrast Check

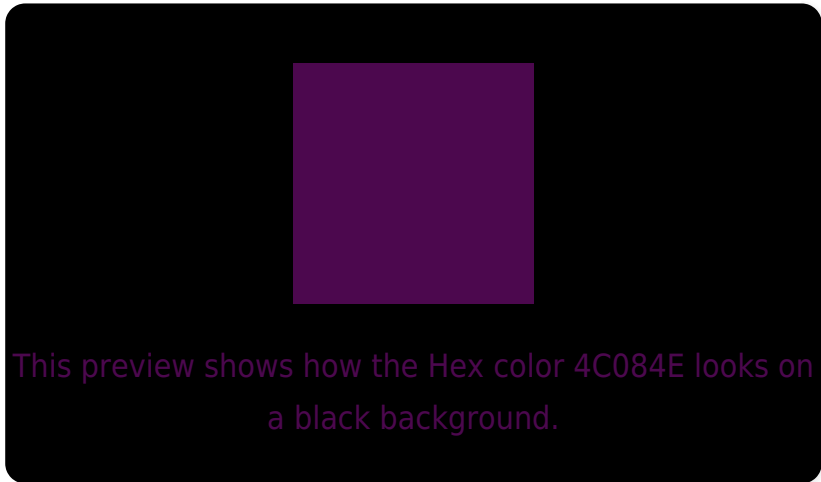
Large Text (above 18pt) WCAG AA ✓ Pass

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

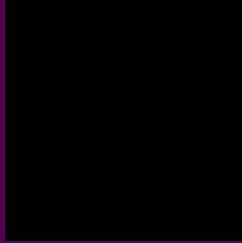
Any Text WCAG AA × Fail

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 4C084E Background



This preview shows how black text looks on a background with the Hex color 4C084E.



This preview shows how white text looks on a background with the Hex color 4C084E.

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





Tritanopia
471F21

Trichromacy



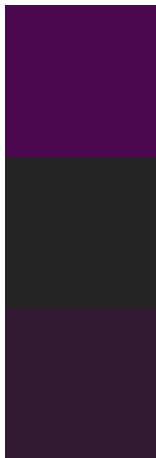
Original Color
4C084E

Protanomaly
1C1E56

Deuteranomaly
2C1F4B

Tritanomaly
491731

Monochromacy



Original Color
4C084E

Achromatopsia
242424

Achromatomaly
331A33

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C084E 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 #4C084E looks like.

```
.text, #text, p{  
    color:#4C084E  
}
```

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 #4C084E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C084E
}
```

Border

The CSS property to change the border of an element to Hex 4C084E is called "border". The border property can be set on classes, ids or directly on the HTML element.

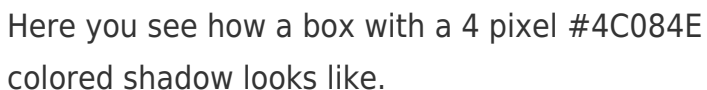
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C084E }
```

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

```
.border{ border-color:#4C084E }
```

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



Here you see how a box with a 4 pixel #4C084E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C084E; -webkit-box-shadow:4px 4px  
4px 4px #4C084E; box-shadow:4px 4px 4px  
4px #4C084E }
```

Background

The CSS property to change the background color of an element to Hex 4C084E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C084E }
```

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

```
.background{ background-color:#4C084E }
```

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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