

Converting Colors

Hex(CA004D)

Have a look what the booklet for
Hex(CA004D) contains.

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Color

Hex(CA004D)

Conversions

Conversions Part 1

Format	Color
Hex	CA004D
RGB	202, 0, 77
RGB Percent	79%, 0%, 30%
CMY	0.2078, 1.0000, 0.6980
CMYK	0.00, 1.00, 0.62, 0.21
HSL	337°, 100%, 40%
HSV	337°, 100%, 79%
XYZ	25.6967, 13.0924, 8.1939
YIQ	69.1760, 95.6750, 66.7710

Conversions

Conversions Part 2

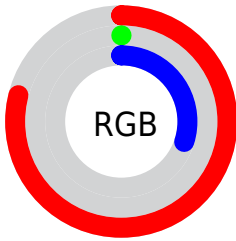
Format	Color
RYB	202, 0, 77
Decimal	13238349
CIELab	42.90, 69.42, 17.12
CIElCh	43, 71.499, 13.851
Yxy	13.0924, 0.5469, 0.2787
Android (android.graphics.Color)	4291428429 (0xFFCA004D)
YUV	69.1760, 3.8572, 116.4866
Hunter-Lab	36.1834, 63.4460, 11.9019

Details

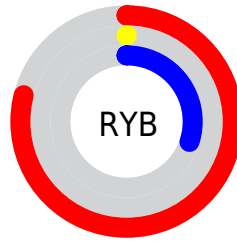
The Hex color **CA004D** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **00CA7D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FF567D**, and **8C0022** is the 20% darker color. If you saturate the color by 10%, you get **CA004D**, and if you desaturate by 10%, it is **CA1459**.

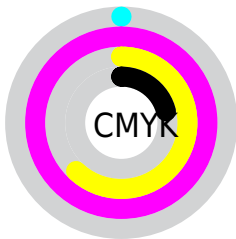
Distribution



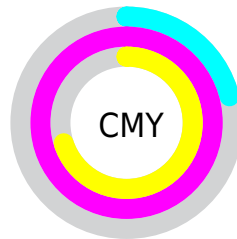
- Red (79%)
- Green (0%)
- Blue (30%)



- Red (79%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (21%)



- Cyan (21%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA004D 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 CA004D by changing the saturation by 10% instead.

 CA004D

 CA004D

FFFFFF

 AB0037

 FF567D

 8C0022

 FF7497

 6D000C

 FF92B2

 500003

 FFAFCD

 310002

 FFCCE9

 000000

 FFEAFF

 CA004D

 CA1459

 CA2866

 CA3D73

 CA517F

 CA658C

 CA7998

 CA8DA5

 CAA2B1

 CAB6BE

Harmonies

Analogous

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



BC1788



CA004D



BA3611

Triad

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



CA004D



027700



0075D8

Complementary

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



CA004D



00CA7D

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.



007DB7



CA004D



007C42

Square

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



CA004D



636B00



007E80



0064DA

Rectangle

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



CA004D



A34D00



007E80



0079D0

Sweetspot

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



CA004D



FFB3D0



7D00CA



805263



000000



808080

Same Dimension

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



CA004D



FF0061



CA1800



665C60



A6003F



26000F

Inverse Universe

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



CA004D



FF0061



00B2CA



665C60



A6003F



26000F

Previews

White Background



This preview shows how the Hex color CA004D looks on a white background.

Color Contrast Check

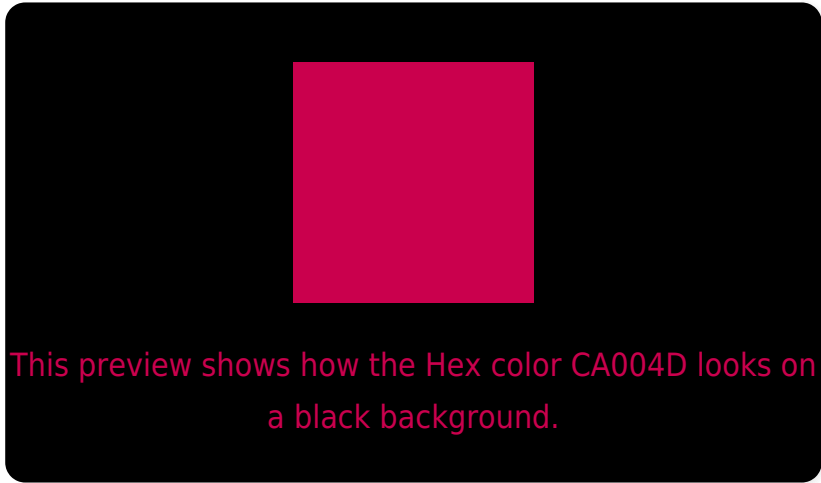
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 CA004D Background



This preview shows how black text looks on a background with the Hex color CA004D.



This preview shows how white text looks on a background with the Hex color CA004D.

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
CA004D

Protanopia
676771

Deuteranopia
7C6344

Trichromacy



Original Color
CA004D



Protanomaly
8B4264



Deuteranomaly
983F47



Tritanomaly
C9142E

Monochromacy



Original Color
CA004D



Achromatopsia
454545



Achromatomaly
752C48

CSS Examples

Text

The CSS property to change the color of the text to Hex CA004D 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 #CA004D looks like.

```
.text, #text, p{  
    color:#CA004D  
}
```

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 #CA004D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA004D
}
```

Border

The CSS property to change the border of an element to Hex CA004D 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".

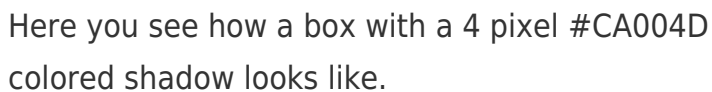
```
.border, #border, table{ border:4px solid
#CA004D }
```

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

```
.border{ border-color:#CA004D }
```

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

Here you see how a box with a 4 pixel #CA004D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA004D; -webkit-box-shadow:4px 4px  
4px 4px #CA004D; box-shadow:4px 4px 4px  
4px #CA004D }
```

Background

The CSS property to change the background color of an element to Hex CA004D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA004D }
```

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

```
.background{ background-color:#CA004D }
```

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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