

Converting Colors

Hex(CA006C)

Have a look what the booklet for
Hex(CA006C) contains.

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Color

Hex(CA006C)

Conversions

Conversions Part 1

Format	Color
Hex	CA006C
RGB	202, 0, 108
RGB Percent	79%, 0%, 42%
CMY	0.2078, 1.0000, 0.5765
CMYK	0.00, 1.00, 0.47, 0.21
HSL	328°, 100%, 40%
HSV	328°, 100%, 79%
XYZ	27.0639, 13.6393, 15.3936
YIQ	72.7100, 85.7240, 76.4120

Conversions

Conversions Part 2

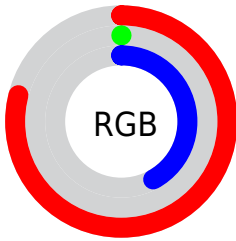
Format	Color
R_{YB}	202, 0, 108
Decimal	13238380
CIE _{Lab}	43.71, 71.57, -1.24
CIE _{LCh}	44, 71.578, 359.008
Yxy	13.6393, 0.4825, 0.2431
Android (android.graphics.Color)	4291428460 (0xFFCA006C)
YUV	72.7100, 17.3980, 113.3873
Hunter-Lab	36.9314, 66.1777, 1.1390

Details

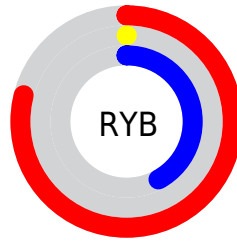
The Hex color **CA006C** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00CA5E**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF589F**, and **8D003D** is the 20% darker color. If you saturate the color by 10%, you get **CA006C**, and if you desaturate by 10%, it is **CA1475**.

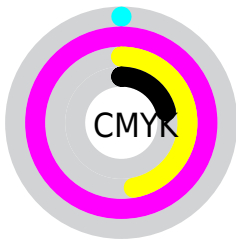
Distribution



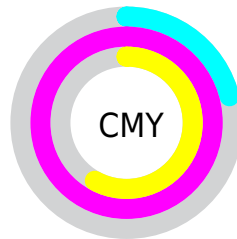
- Red (79%)
- Green (0%)
- Blue (42%)



- Red (79%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (21%)



- Cyan (21%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA006C 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 CA006C by changing the saturation by 10% instead.

 CA006C

 CA006C

FFFFFF

 AB0054

 FF589F

 8D003D

 FF76BA

 6F0027

 FF93D6

 530013

 FFB0F2

 350002

 FFCEFF

 040000

 FFECFF

 000000

 CA006C

 CA1475

 CA287F

 CA3D88

 CA5192

 CA659B

 CA79A4

 CA8DAE

 CAA2B7

 CAB6C1

Harmonies

Analogous

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



AA33A6



CA006C



C82232

Triad

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



CA006C



447400



007CCE

Complementary

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



CA006C



00CA5E

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.



0080A0



CA006C



007C23

Square

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



CA006C



806400



008064



0070E0

Rectangle

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



CA006C



B83E03



008064



007EC1

Sweetspot

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



CA006C



FFB3DB



5B00CA



80526A



000000



808080

Same Dimension

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



CA006C



FF0088



CA000A



665C61



A60059



260014

Inverse Universe

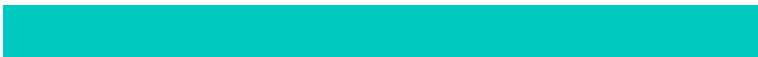
The Inverse Universe completely reimagines the original color for something new.



CA006C



FF0088



00CAC0



665C61



A60059



260014

Previews

White Background



This preview shows how the Hex color CA006C looks on a white background.

Color Contrast Check

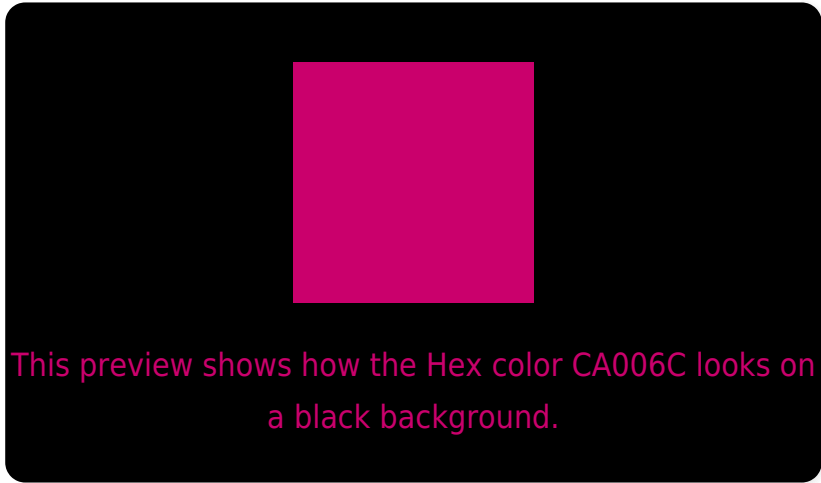
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA006C Background



This preview shows how black text looks on a background with the Hex color CA006C.



This preview shows how white text looks on a background with the Hex color CA006C.

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



Trichromacy



Original Color
CA006C



Protanomaly
81428B



Deuteranomaly
954166



Tritanomaly
C81B43

Monochromacy



Original Color
CA006C



Achromatopsia
494949



Achromatomaly
782E56

CSS Examples

Text

The CSS property to change the color of the text to Hex CA006C 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 #CA006C looks like.

```
.text, #text, p{  
    color:#CA006C  
}
```

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 #CA006C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA006C
}
```

Border

The CSS property to change the border of an element to Hex CA006C 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
#CA006C }
```

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

```
.border{ border-color:#CA006C }
```

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

Here you see how a box with a 4 pixel #CA006C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA006C; -webkit-box-shadow:4px 4px  
4px 4px #CA006C; box-shadow:4px 4px 4px  
4px #CA006C }
```

Background

The CSS property to change the background color of an element to Hex CA006C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA006C }
```

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

```
.background{ background-color:#CA006C }
```

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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