

# Converting Colors

Hex(C8046D)

Have a look what the booklet for  
Hex(C8046D) contains.

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**Color**

**Hex(C8046D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8046D
RGB	200, 4, 109
RGB Percent	78%, 2%, 43%
CMY	0.2157, 0.9843, 0.5725
CMYK	0.00, 0.98, 0.45, 0.22
HSL	328°, 96%, 40%
HSV	328°, 98%, 78%
XYZ	26.6232, 13.4703, 15.6648
YIQ	74.5740, 83.1110, 74.2070

# Conversions

## Conversions Part 2

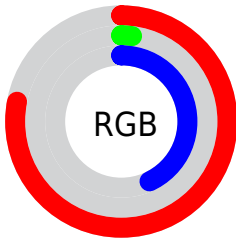
<b>Format</b>	<b>Color</b>
<b>RYB</b>	200, 4, 109
Decimal	13108333
CIELab	43.46, 70.84, -2.27
CIElCh	43, 70.876, 358.161
Yxy	13.4703, 0.4775, 0.2416
Android (android.graphics.Color)	4291298413 (0xFFC8046D)
YUV	74.5740, 16.9720, 109.9986
Hunter-Lab	36.7019, 65.2534, 0.3857

# Details

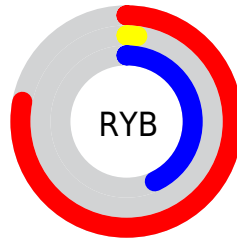
The Hex color **C8046D** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **04C85F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF58A0**, and **8C003E** is the 20% darker color. If you saturate the color by 10%, you get **C8006B**, and if you desaturate by 10%, it is **C81876**.

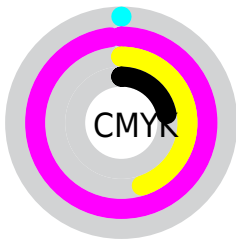
# Distribution



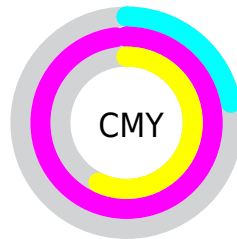
- Red (78%)
- Green (2%)
- Blue (43%)



- Red (78%)
- Yellow (2%)
- Blue (43%)



- Cyan (0%)
- Magenta (98%)
- Yellow (45%)
- Black (22%)



- Cyan (22%)
- Magenta (98%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8046D 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 C8046D by changing the saturation by 10% instead.



 C8046D

 C8046D

FFFFFF

 AA0055

 FF58A0

 8C003E

 FF76BB

 6E0028

 FF93D7

 510014

 FFB1F3

 340002

 FFCEFF

 000000

 FFECFF

 C8046D

 C8046D

 C8006B

 C81876

 C82C80

 C84089

 C85492

 C8689B

 C87CA5

 C890AE

 C8A4B7

 C8B8C1

# Harmonies

## Analogous

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



A734A6



C8046D



C72233

# Triad

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



C8046D



467300



007BCB

# Complementary

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



C8046D



04C85F

# 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.



007F9D



C8046D



007B21

# Square

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



C8046D



806300



007F61



0070DE

# Rectangle

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



C8046D



B73D07



007F61



007DBE



# Sweetspot

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



C8046D



FFB5DD



5C04C8



80536B



000000



808080



# Same Dimension

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



C8046D



FF0089



C8040E



635A5F



A30057



240013



# Inverse Universe

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



C8046D



FF0089



04C8BE



635A5F



A30057



240013



# Previews

## White Background



This preview shows how the Hex color C8046D looks on a white background.

## Color Contrast Check

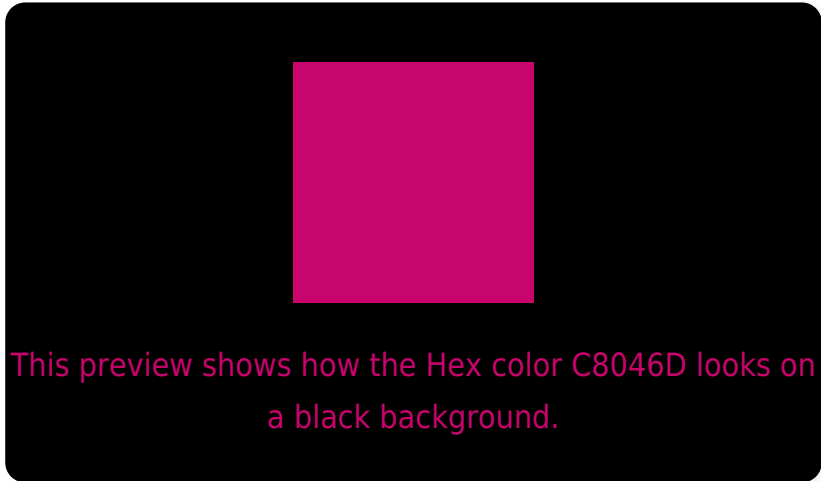
Large Text (above 18pt) WCAG AA ✓ Pass

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 C8046D Background



This preview shows how black text looks on a background with the Hex color C8046D.



This preview shows how white text looks on a background with the Hex color C8046D.

# 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**  
C8046D



**Protanomaly**  
7F438C



**Deuteranomaly**  
934268



**Tritanomaly**  
C61D44

# Monochromacy



**Original Color**  
C8046D



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
783157

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8046D 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 #C8046D looks like.

```
.text, #text, p{  
    color:#C8046D  
}
```

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 #C8046D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8046D
}
```

## Border

The CSS property to change the border of an element to Hex C8046D 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
#C8046D }
```

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

```
.border{ border-color:#C8046D }
```

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

Here you see how a box with a 4 pixel #C8046D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8046D; -webkit-box-shadow:4px 4px  
4px 4px #C8046D; box-shadow:4px 4px 4px  
4px #C8046D }
```

# Background

The CSS property to change the background color of an element to Hex C8046D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8046D }
```

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

```
.background{ background-color:#C8046D }
```

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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