

# Converting Colors

Hex(CB014E)

Have a look what the booklet for  
Hex(CB014E) contains.

<b>Hex(CB014E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(CB014E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB014E
RGB	203, 1, 78
RGB Percent	80%, 0%, 31%
CMY	0.2039, 0.9961, 0.6941
CMYK	0.00, 1.00, 0.62, 0.20
HSL	337°, 99%, 40%
HSV	337°, 100%, 80%
XYZ	26.0146, 13.2683, 8.3976
YIQ	70.1760, 95.6750, 66.7710

# Conversions

## Conversions Part 2

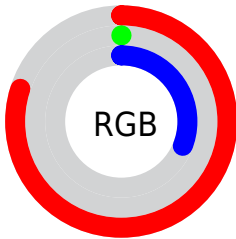
Format	Color
<b>RYB</b>	203, 1, 78
Decimal	13304142
CIELab	43.16, 69.62, 16.88
CIELCh	43, 71.632, 13.626
Yxy	13.2683, 0.5456, 0.2783
Android (android.graphics.Color)	4291494222 (0xFFCB014E)
YUV	70.1760, 3.8572, 116.4866
Hunter-Lab	36.4256, 63.7369, 11.8291

# Details

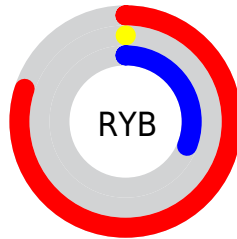
The Hex color **CB014E** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **01CB7E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FF577F**, and **8D0023** is the 20% darker color. If you saturate the color by 10%, you get **CB004D**, and if you desaturate by 10%, it is **CB155B**.

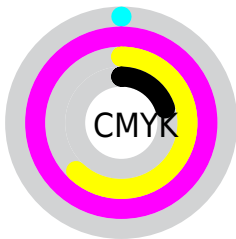
# Distribution



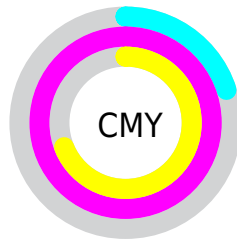
- Red (80%)
- Green (0%)
- Blue (31%)



- Red (80%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB014E 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 CB014E by changing the saturation by 10% instead.



 CB014E

 CB014E

FFFFFF

 AC0038

 FF577F

 8D0023

 FF7598

 6E000E

 FF92B3

 510003

 FFAFCE

 320002

 FFCDEB

 000000

 FFE8FF

 CB014E

 CB014E

 CB004D

 CB155B

 CB2A67

 CB3E74

 CB5280

 CB668D

 CB7B99

 CB8FA6

 CBA3B2

 CBB8BF

# Harmonies

## Analogous

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



BD1889



CB014E



BB3612

# Triad

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



CB014E



057700



0076D9

# Complementary

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



CB014E



01CB7E

# 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



CB014E



007D42

# Square

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



CB014E



646C00



007F80



0065DB

# Rectangle

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



CB014E



A54E00



007F80



0079D1



# Sweetspot

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



CB014E



FFB3D0



7E01CB



805263



000000



808080



# Same Dimension

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



CB014E



FF0061



CB1901



665C60



A6003F



26000F



# Inverse Universe

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



CB014E



FF0061



01B3CB



665C60



A6003F



26000F



# Previews

## White Background



This preview shows how the Hex color CB014E looks on a white background.

## Color Contrast Check

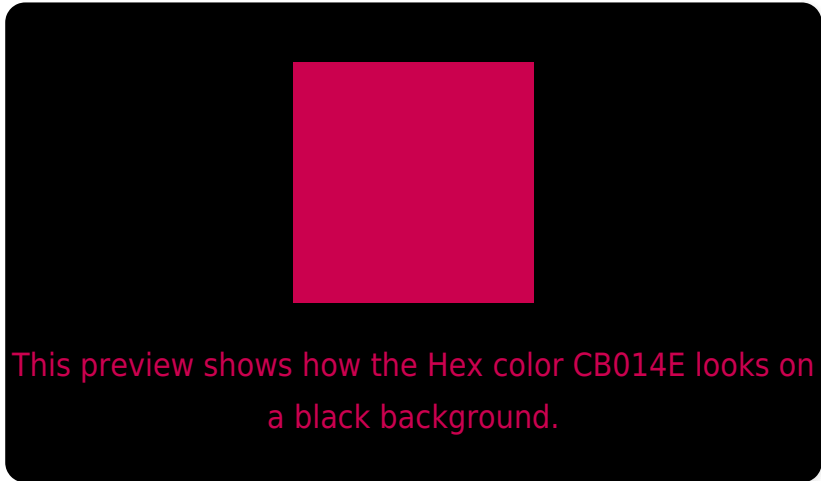
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB014E Background



This preview shows how black text looks on a background with the Hex color CB014E.



This preview shows how white text looks on a background with the Hex color CB014E.

# 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**  
CB014E

**Protanopia**  
676872

**Deuteranopia**  
7D6445



# Trichromacy



**Original Color**  
CB014E



**Protanomaly**  
8B4365



**Deuteranomaly**  
994048



**Tritanomaly**  
CA142F

# Monochromacy



**Original Color**  
CB014E



**Achromatopsia**  
464646



**Achromatomaly**  
762D49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB014E 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 #CB014E looks like.

```
.text, #text, p{  
    color:#CB014E  
}
```

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 #CB014E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB014E
}
```

## Border

The CSS property to change the border of an element to Hex CB014E is called "border". The border property can be set on classes, ids or directly on the HTML element.

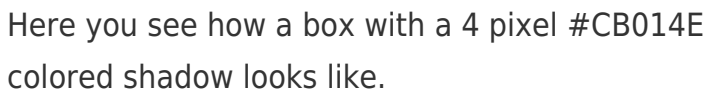
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB014E }
```

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

```
.border{ border-color:#CB014E }
```

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



Here you see how a box with a 4 pixel `#CB014E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB014E; -webkit-box-shadow:4px 4px  
4px 4px #CB014E; box-shadow:4px 4px 4px  
4px #CB014E }
```

# Background

The CSS property to change the background color of an element to Hex CB014E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB014E }
```

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

```
.background{ background-color:#CB014E }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor