

# Converting Colors

Hex(CA244F)

Have a look what the booklet for  
Hex(CA244F) contains.

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# Color

**Hex(CA244F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA244F
RGB	202, 36, 79
RGB Percent	79%, 14%, 31%
CMY	0.2078, 0.8588, 0.6902
CMYK	0.00, 0.82, 0.61, 0.21
HSL	344°, 70%, 47%
HSV	344°, 82%, 79%
XYZ	26.3993, 14.3828, 8.7819
YIQ	90.5360, 85.1330, 48.5650

# Conversions

## Conversions Part 2

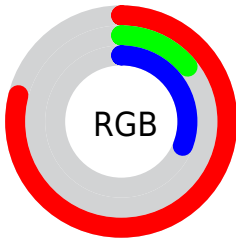
Format	Color
R <sub>Y</sub> B	202, 36, 79
Decimal	13247567
CIE Lab	44.78, 64.26, 18.38
CIE LCh	45, 66.834, 15.959
Yxy	14.3828, 0.5326, 0.2902
Android (android.graphics.Color)	4291437647 (0xFFCA244F)
YUV	90.5360, -5.6872, 97.7539
Hunter-Lab	37.9247, 57.8852, 12.8180

# Details

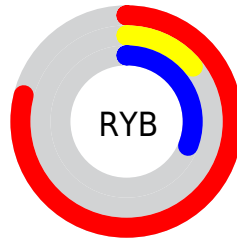
The Hex color **CA244F** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **24CA9F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF6480**, and **8D0023** is the 20% darker color. If you saturate the color by 10%, you get **CA1040**, and if you desaturate by 10%, it is **CA385E**.

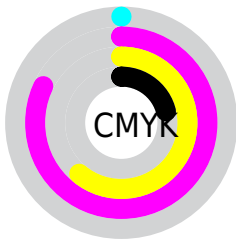
# Distribution



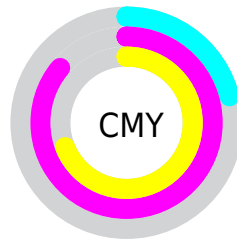
- Red (79%)
- Green (14%)
- Blue (31%)



- Red (79%)
- Yellow (14%)
- Blue (31%)



- Cyan (0%)
- Magenta (82%)
- Yellow (61%)
- Black (21%)



- Cyan (21%)
- Magenta (86%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA244F 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 CA244F by changing the saturation by 10% instead.



 CA244F

 CA244F

FFFFFF

 AB0038

 FF6480

 8D0023

 FF809A

 6E000F

 FF9DB4

 510002

 FFBAD0

 330002

 FFD7EC

 000000

 FFF5FF

 CA244F

 CA244F

 CA1040

 CA385E

■ CA0034

■ CA4C6D

■ CA617C

■ CA758B

■ CA899A

■ CA9DA9

■ CAB1B8

■ CAC6C7

■ CADAD6

# Harmonies

## Analogous

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



BF2986



CA244F



BA4218

# Triad

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



CA244F



137B0B



0078D7

# Complementary

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



CA244F



24CA9F

# 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.



0080BA



CA244F



00804D

# Square

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



CA244F



657100



008287



0067D6

# Rectangle

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



CA244F



A45600



008287



007CD0



# Sweetspot

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



CA244F



FFBFD0



9E24CA



805963



000000



808080



# Same Dimension

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



CA244F



FF0344



CA4B24



665C5E



A6002B



26000A



# Inverse Universe

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



CA244F



FF0344



24A3CA



665C5E



A6002B

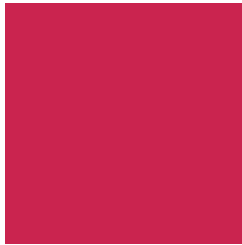


26000A



# Previews

## White Background



This preview shows how the Hex color CA244F looks on a white background.

## Color Contrast Check

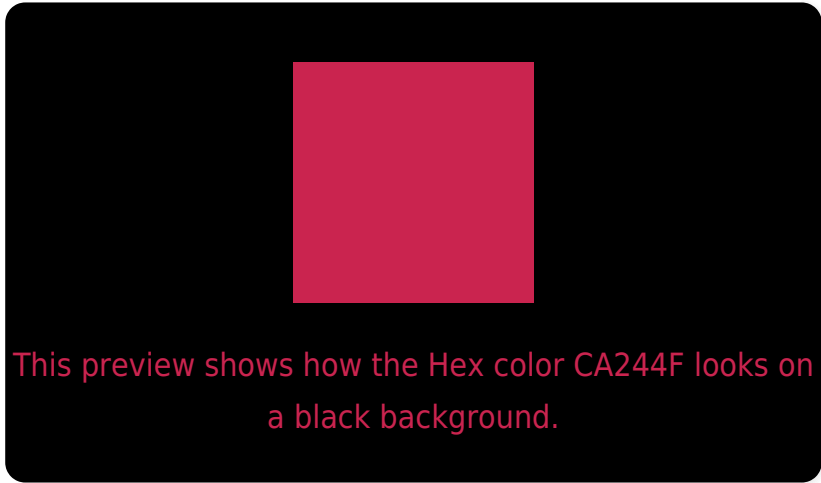
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA244F Background



This preview shows how black text looks on a background with the Hex color CA244F.



This preview shows how white text looks on a background with the Hex color CA244F.

# 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**  
CA244F

**Protanopia**  
6C6A6E

**Deuteranopia**  
806647



# Trichromacy



**Original Color**  
CA244F

**Protanomaly**  
8E5163

**Deuteranomaly**  
9B4E4A

**Tritanomaly**  
C92A39

# Monochromacy



**Original Color**  
CA244F

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
834757

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA244F 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 #CA244F looks like.

```
.text, #text, p{  
    color:#CA244F  
}
```

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 #CA244F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA244F
}
```

## Border

The CSS property to change the border of an element to Hex CA244F is called "border". The border property can be set on classes, ids or directly on the HTML element.

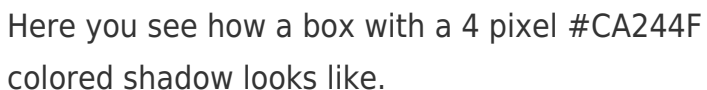
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA244F }
```

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

```
.border{ border-color:#CA244F }
```

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



Here you see how a box with a 4 pixel `#CA244F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA244F; -webkit-box-shadow:4px 4px  
4px 4px #CA244F; box-shadow:4px 4px 4px  
4px #CA244F }
```

# Background

The CSS property to change the background color of an element to Hex CA244F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA244F }
```

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

```
.background{ background-color:#CA244F }
```

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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