

Converting Colors

Hex(CA2C4D)

Have a look what the booklet for
Hex(CA2C4D) contains.

Hex(CA2C4D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CA2C4D)

Conversions

Conversions Part 1

Format	Color
Hex	CA2C4D
RGB	202, 44, 77
RGB Percent	79%, 17%, 30%
CMY	0.2078, 0.8275, 0.6980
CMYK	0.00, 0.78, 0.62, 0.21
HSL	347°, 64%, 48%
HSV	347°, 78%, 79%
XYZ	26.5974, 14.8937, 8.4941
YIQ	95.0040, 83.5750, 43.7590

Conversions

Conversions Part 2

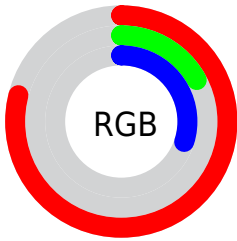
Format	Color
R_{YB}	202, 44, 77
Decimal	13249613
CIE _{Lab}	45.49, 62.01, 20.56
CIE _{LCh}	45, 65.325, 18.342
Yxy	14.8937, 0.5321, 0.2980
Android (android.graphics.Color)	4291439693 (0xFFCA2C4D)
YUV	95.0040, -8.8760, 93.8355
Hunter-Lab	38.5924, 55.4830, 13.9651

Details

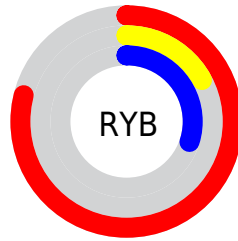
The Hex color **CA2C4D** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **2CCAA9**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF697E**, and **8D0022** is the 20% darker color. If you saturate the color by 10%, you get **CA183D**, and if you desaturate by 10%, it is **CA405D**.

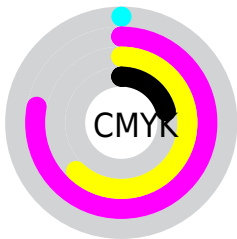
Distribution



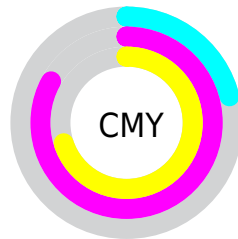
- Red (79%)
- Green (17%)
- Blue (30%)



- Red (79%)
- Yellow (17%)
- Blue (30%)



- Cyan (0%)
- Magenta (78%)
- Yellow (62%)
- Black (21%)



- Cyan (21%)
- Magenta (83%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA2C4D 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 CA2C4D by changing the saturation by 10% instead.

■ CA2C4D

■ CA2C4D

FFFFFF

■ AB0036

■ FF697E

■ 8D0022

■ FF8597

■ 6F000C

■ FFA2B2

■ 510001

■ FFBECE

■ 340002

■ FFDCEA

■ 000000

■ FFF9FF

■ CA2C4D

■ CA2C4D

■ CA183D

■ CA405D

■ CA042D

■ CA546D

■ CA002A

■ CA697D

■ CA7D8D

■ CA919D

■ CAA5AD

■ CAB9BD

■ CACECD

■ CAE2DD

Harmonies

Analogous

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



C12D83



CA2C4D



B84818

Triad

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



CA2C4D



0C7D18



0078D7

Complementary

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



CA2C4D



2CCA9

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.



0081BD



CA2C4D



008254

Square

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



CA2C4D



637300



00848D



2A67D4

Rectangle

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



CA2C4D



A25A00



00848D



007CD2

Sweetspot

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



CA2C4D



FFC4D1



A82CCA



805C63



000000



808080

Same Dimension

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



CA2C4D



FF0F41



CA592C



665C5E



A60023



260008

Inverse Universe

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



CA2C4D



FF0F41



2C9DCA



665C5E



A60023



260008

Previews

White Background



This preview shows how the Hex color CA2C4D looks on a white background.

Color Contrast Check

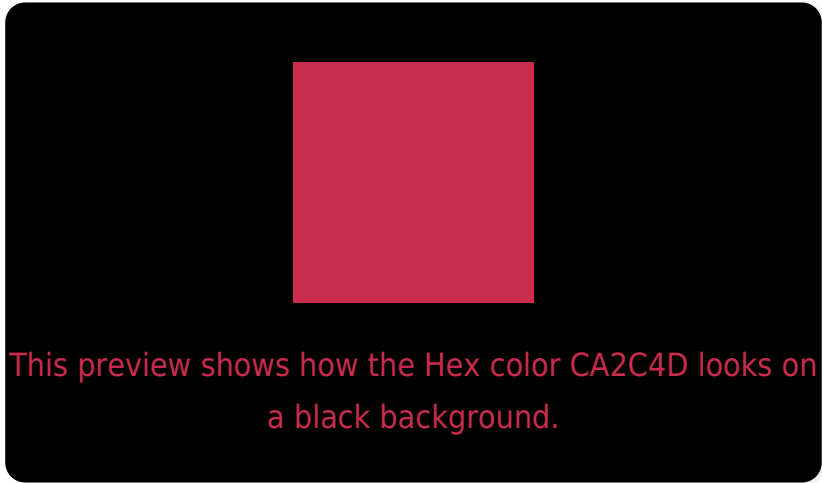
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA2C4D Background



This preview shows how black text looks on a background with the Hex color CA2C4D.



This preview shows how white text looks on a background with the Hex color CA2C4D.

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

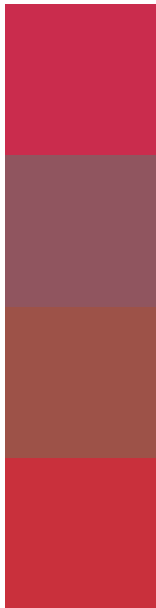


Original Color
CA2C4D

Protanopia
6F6C69

Deuteranopia
836845

Trichromacy



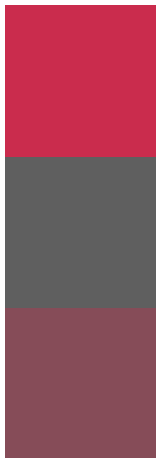
Original Color
CA2C4D

Protanomaly
90555F

Deuteranomaly
9D5248

Tritanomaly
C9303C

Monochromacy



Original Color
CA2C4D

Achromatopsia
5F5F5F

Achromatomaly
864C58

CSS Examples

Text

The CSS property to change the color of the text to Hex CA2C4D 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 #CA2C4D looks like.

```
.text, #text, p{  
    color:#CA2C4D  
}
```

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 #CA2C4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA2C4D
}
```

Border

The CSS property to change the border of an element to Hex CA2C4D is called "border". The border property can be set on classes, ids or directly on the HTML element.

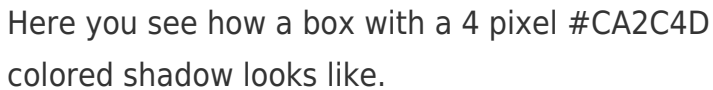
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA2C4D }
```

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

```
.border{ border-color:#CA2C4D }
```

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



Here you see how a box with a 4 pixel `#CA2C4D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA2C4D; -webkit-box-shadow:4px 4px  
4px 4px #CA2C4D; box-shadow:4px 4px 4px  
4px #CA2C4D }
```

Background

The CSS property to change the background color of an element to Hex CA2C4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA2C4D }
```

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

```
.background{ background-color:#CA2C4D }
```

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