

Converting Colors

Hex(CA2240)

Have a look what the booklet for
Hex(CA2240) contains.

Hex(CA2240)	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(CA2240)

Conversions

Conversions Part 1

Format	Color
Hex	CA2240
RGB	202, 34, 64
RGB Percent	79%, 13%, 25%
CMY	0.2078, 0.8667, 0.7490
CMYK	0.00, 0.83, 0.68, 0.21
HSL	349°, 71%, 46%
HSV	349°, 83%, 79%
XYZ	25.8546, 14.0708, 6.2037
YIQ	87.6520, 90.4980, 44.9460

Conversions

Conversions Part 2

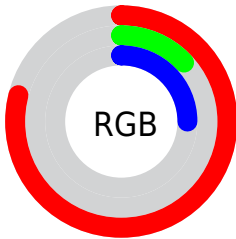
Format	Color
RYB	202, 34, 64
Decimal	13247040
CIELab	44.33, 63.91, 27.07
CIELCh	44, 69.402, 22.953
Yxy	14.0708, 0.5605, 0.3050
Android (android.graphics.Color)	4291437120 (0xFFCA2240)
YUV	87.6520, -11.6604, 100.2832
Hunter-Lab	37.5110, 57.3872, 16.4521

Details

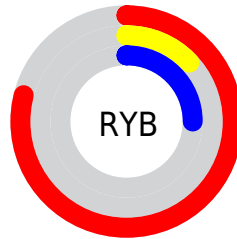
The Hex color **CA2240** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **22CAAC**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF6270**, and **8C0016** is the 20% darker color. If you saturate the color by 10%, you get **CA0E2F**, and if you desaturate by 10%, it is **CA3651**.

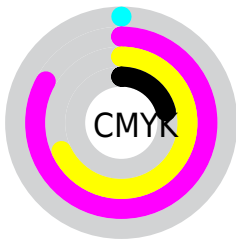
Distribution



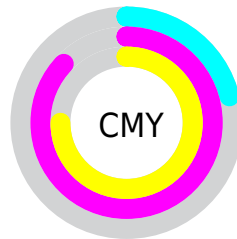
- Red (79%)
- Green (13%)
- Blue (25%)



- Red (79%)
- Yellow (13%)
- Blue (25%)



- Cyan (0%)
- Magenta (83%)
- Yellow (68%)
- Black (21%)



- Cyan (21%)
- Magenta (87%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA2240 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 CA2240 by changing the saturation by 10% instead.

 CA2240

 CA2240

FFFFFF

 AB002A

 FF6270

 8C0016

 FF7F89

 6D0000

 FF9CA3

 4F0002

 FFB8BE

 320002

 FFD6DA

 000000

 FFF3F6

 CA2240

 CA2240

 CA0E2F

 CA3651

■ CA0024

■ CA4A61

■ CA5F72

■ CA7382

■ CA8793

■ CA9BA4

■ CAAFB4

■ CAC4C5

■ CAD8D5

Harmonies

Analogous

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



C61979



CA2240



B44600

Triad

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



CA2240



007C19



0074DD

Complementary

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



CA2240



22CAAC

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.



007EC5



CA2240



008059

Square

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



CA2240



557300



008195



3C60D5

Rectangle

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



CA2240



9A5A00



008195



0079D8

Sweetspot

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



CA2240



FFBFCB



AB22CA



805960



000000



808080

Same Dimension

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



CA2240



FF002E



CA5722



665C5E



A6001E



260007

Inverse Universe

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



CA2240



FF002E



2295CA



665C5E



A6001E



260007

Previews

White Background



This preview shows how the Hex color CA2240 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 CA2240 Background



This preview shows how black text looks on a background with the Hex color CA2240.



This preview shows how white text looks on a background with the Hex color CA2240.

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
CA2240

Protanopia
6F6A5B

Deuteranopia
826537

Trichromacy



Original Color
CA2240

Protanomaly
905051

Deuteranomaly
9C4D3A

Tritanomaly
C92630

Monochromacy



Original Color
CA2240

Achromatopsia
585858

Achromatomaly
81444F

CSS Examples

Text

The CSS property to change the color of the text to Hex CA2240 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 #CA2240 looks like.

```
.text, #text, p{  
    color:#CA2240  
}
```

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 #CA2240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA2240
}
```

Border

The CSS property to change the border of an element to Hex CA2240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

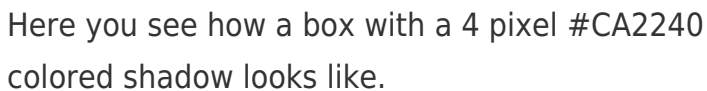
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA2240 }
```

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

```
.border{ border-color:#CA2240 }
```

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



Here you see how a box with a 4 pixel #CA2240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA2240; -webkit-box-shadow:4px 4px  
4px 4px #CA2240; box-shadow:4px 4px 4px  
4px #CA2240 }
```

Background

The CSS property to change the background color of an element to Hex CA2240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA2240 }
```

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

```
.background{ background-color:#CA2240 }
```

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