

Converting Colors

Hex(CA268C)

Have a look what the booklet for
Hex(CA268C) contains.

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Color

Hex(CA268C)

Conversions

Conversions Part 1

Format	Color
Hex	CA268C
RGB	202, 38, 140
RGB Percent	79%, 15%, 55%
CMY	0.2078, 0.8510, 0.4510
CMYK	0.00, 0.81, 0.31, 0.21
HSL	323°, 68%, 47%
HSV	323°, 81%, 79%
XYZ	29.7839, 15.8362, 26.2979
YIQ	98.6640, 65.0020, 66.4900

Conversions

Conversions Part 2

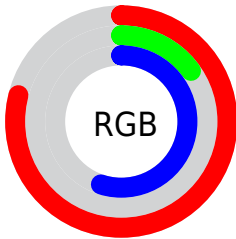
Format	Color
R_{YB}	202, 38, 140
Decimal	13248140
CIE _{Lab}	46.76, 69.10, -16.35
CIE _{LCh}	47, 71.008, 346.690
Yxy	15.8362, 0.4141, 0.2202
Android (android.graphics.Color)	4291438220 (0xFFCA268C)
YUV	98.6640, 20.3786, 90.6257
Hunter-Lab	39.7948, 63.9551, -11.3247

Details

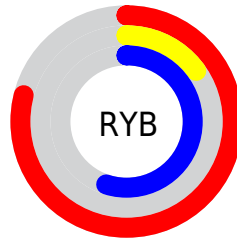
The Hex color **CA268C** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **26CA64**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF67C2**, and **8F005A** is the 20% darker color. If you saturate the color by 10%, you get **CA1284**, and if you desaturate by 10%, it is **CA3A94**.

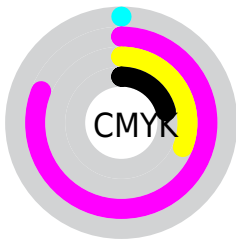
Distribution



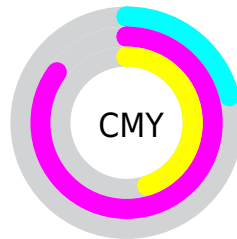
- Red (79%)
- Green (15%)
- Blue (55%)



- Red (79%)
- Yellow (15%)
- Blue (55%)



- Cyan (0%)
- Magenta (81%)
- Yellow (31%)
- Black (21%)



- Cyan (21%)
- Magenta (85%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA268C 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 CA268C by changing the saturation by 10% instead.

CA268C

CA268C

FFFFFF

AC0072

FF67C2

8F005A

FF84DE

720042

FFA1FA

56002C

FFBEFF

3B0017

FFDCFF

190001

FFFAFF

000000

CA268C

CA268C

CA1284

CA3A94

■ CA007E

■ CA4E9B

■ CA63A3

■ CA77AB

■ CA8BB2

■ CA9FBA

■ CAB3C1

■ CAC8C9

■ CADCD1

Harmonies

Analogous

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



994CC2



CA268C



D52151

Triad

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



CA268C



687600



0086C5

Complementary

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



CA268C



26CA64

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.



008890



CA268C



028108

Square

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



CA268C



9C6300



008751



007EE4

Rectangle

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



CA268C



CC382A



008751



0088B5

Sweetspot

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



CA268C



FFC2E8



6226CA



805B72



000000



808080

Same Dimension

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



CA268C



FF08A1



CA263C



665C62



A60067



260018

Inverse Universe

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



CA268C



FF08A1



26CAB4



665C62



A60067



260018

Previews

White Background



This preview shows how the Hex color CA268C looks on a white background.

Color Contrast Check

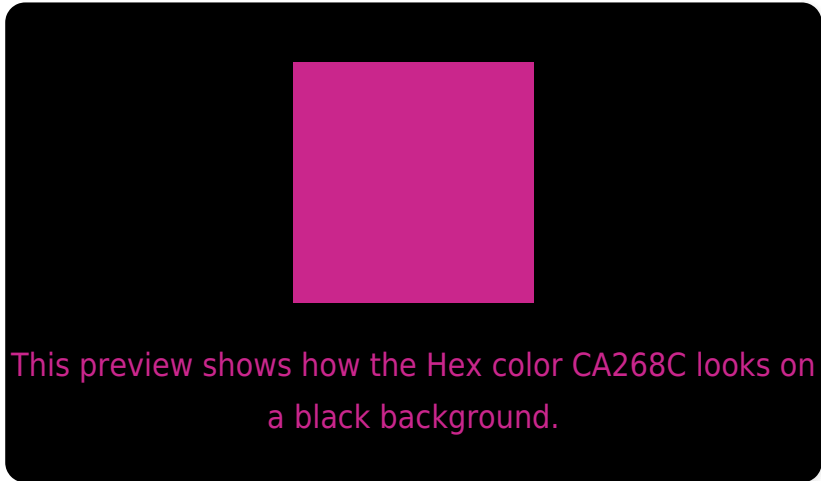
Large Text (above 18pt) WCAG AA ✓ Pass

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

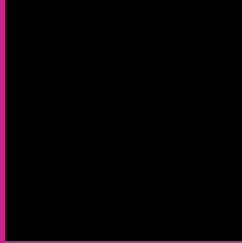
Any Text WCAG AA × Fail

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 CA268C Background



This preview shows how black text looks on a background with the Hex color CA268C.



This preview shows how white text looks on a background with the Hex color CA268C.

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
CA268C



Protanomaly
7A53AC



Deuteranomaly
915386



Tritanomaly
C7375E

Monochromacy



Original Color
CA268C



Achromatopsia
636363



Achromatomaly
884D72

CSS Examples

Text

The CSS property to change the color of the text to Hex CA268C 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 #CA268C looks like.

```
.text, #text, p{  
    color:#CA268C  
}
```

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 #CA268C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA268C
}
```

Border

The CSS property to change the border of an element to Hex CA268C 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
#CA268C }
```

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

```
.border{ border-color:#CA268C }
```

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

Here you see how a box with a 4 pixel #CA268C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA268C; -webkit-box-shadow:4px 4px  
4px 4px #CA268C; box-shadow:4px 4px 4px  
4px #CA268C }
```

Background

The CSS property to change the background color of an element to Hex CA268C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA268C }
```

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

```
.background{ background-color:#CA268C }
```

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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