

Converting Colors

Hex(CA2A69)

Have a look what the booklet for
Hex(CA2A69) contains.

Hex(CA2A69)	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(CA2A69)

Conversions

Conversions Part 1

Format	Color
Hex	CA2A69
RGB	202, 42, 105
RGB Percent	79%, 16%, 41%
CMY	0.2078, 0.8353, 0.5882
CMYK	0.00, 0.79, 0.48, 0.21
HSL	336°, 66%, 48%
HSV	336°, 79%, 79%
XYZ	27.7349, 15.2324, 14.8430
YIQ	97.0220, 75.1370, 53.5130

Conversions

Conversions Part 2

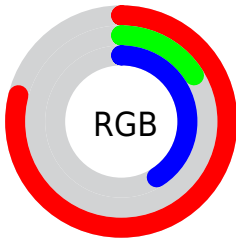
Format	Color
R_{YB}	202, 42, 105
Decimal	13249129
CIE _{Lab}	45.95, 64.61, 3.88
CIE _{LCh}	46, 64.726, 3.437
Yxy	15.2324, 0.4798, 0.2635
Android (android.graphics.Color)	4291439209 (0xFFCA2A69)
YUV	97.0220, 3.9332, 92.0657
Hunter-Lab	39.0287, 58.5468, 4.7716

Details

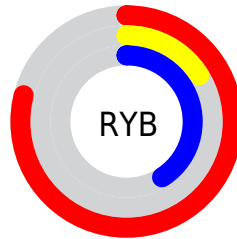
The Hex color **CA2A69** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **2ACA8B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF689C**, and **8E003A** is the 20% darker color. If you saturate the color by 10%, you get **CA165D**, and if you desaturate by 10%, it is **CA3E75**.

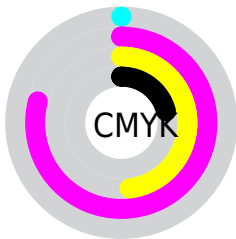
Distribution



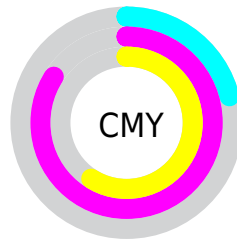
- Red (79%)
- Green (16%)
- Blue (41%)



- Red (79%)
- Yellow (16%)
- Blue (41%)



- Cyan (0%)
- Magenta (79%)
- Yellow (48%)
- Black (21%)



- Cyan (21%)
- Magenta (84%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA2A69 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 CA2A69 by changing the saturation by 10% instead.

CA2A69

CA2A69

FFFFFF

AC0051

FF689C

8E003A

FF85B7

700025

FFA1D2

530010

FFBEEF

370002

FFDCFF

0B0000

FFFAFF

000000

CA2A69

CA2A69

CA165D

CA3E75

■ CA0251

■ CA5281

■ CA0050

■ CA678E

■ CA7B9A

■ CA8FA6

■ CAA3B2

■ CAB7BF

■ CACCCB

■ CAE0D7

Harmonies

Analogous

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



B13D9E



CA2A69



C53B34

Triad

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



CA2A69



467A00



007FCE

Complementary

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



CA2A69



2ACA8B

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.



0084A8



CA2A69



008139

Square

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



CA2A69



7E6D00



008472



0072DA

Rectangle

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



CA2A69



B44E0F



008472



0081C4

Sweetspot

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



CA2A69



FFC2DA



8A2ACA



805B69



000000



808080

Same Dimension

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



CA2A69



FF0D6C



CA3A2A



665C60



A60041



26000F

Inverse Universe

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



CA2A69



FF0D6C



2ABACA



665C60



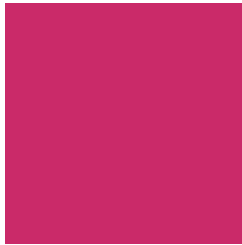
A60041



26000F

Previews

White Background



This preview shows how the Hex color CA2A69 looks on a white background.

Color Contrast Check

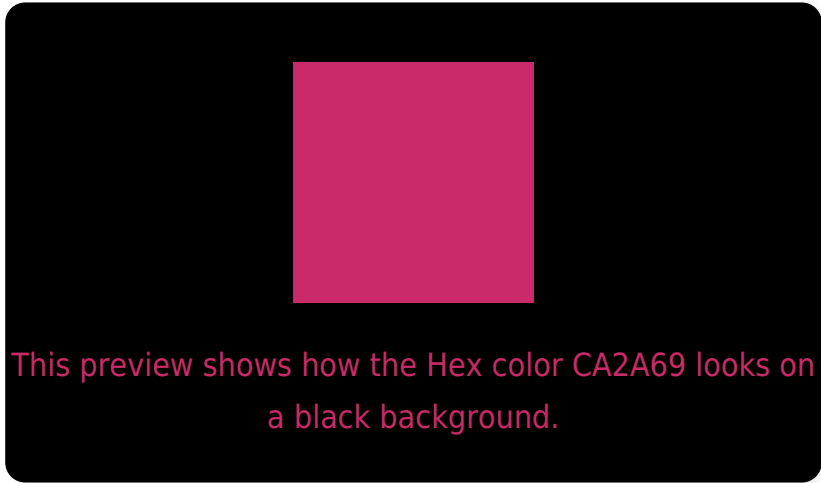
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA2A69 Background



This preview shows how black text looks on a background with the Hex color CA2A69.



This preview shows how white text looks on a background with the Hex color CA2A69.

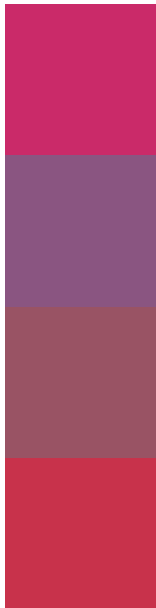
Color Blindness Simulation

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



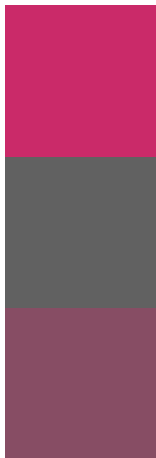
Original Color
CA2A69

Protanomaly
8A5581

Deuteranomaly
995364

Tritanomaly
C8324B

Monochromacy



Original Color
CA2A69

Achromatopsia
616161

Achromatomaly
874D64

CSS Examples

Text

The CSS property to change the color of the text to Hex CA2A69 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 #CA2A69 looks like.

```
.text, #text, p{  
    color:#CA2A69  
}
```

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 #CA2A69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA2A69
}
```

Border

The CSS property to change the border of an element to Hex CA2A69 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
#CA2A69 }
```

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

```
.border{ border-color:#CA2A69 }
```

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

Here you see how a box with a 4 pixel #CA2A69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA2A69; -webkit-box-shadow:4px 4px  
4px 4px #CA2A69; box-shadow:4px 4px 4px  
4px #CA2A69 }
```

Background

The CSS property to change the background color of an element to Hex CA2A69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA2A69 }
```

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

```
.background{ background-color:#CA2A69 }
```

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