

# Converting Colors

Hex(CA2261)

Have a look what the booklet for  
Hex(CA2261) contains.

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# Color

**Hex(CA2261)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA2261
RGB	202, 34, 97
RGB Percent	79%, 13%, 38%
CMY	0.2078, 0.8667, 0.6196
CMYK	0.00, 0.83, 0.52, 0.21
HSL	338°, 71%, 46%
HSV	338°, 83%, 79%
XYZ	27.0868, 14.5637, 12.6927
YIQ	91.4140, 79.9050, 55.2090

# Conversions

## Conversions Part 2

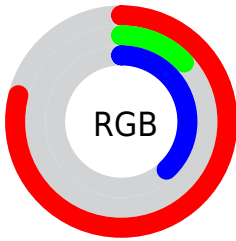
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 34, 97
Decimal	13247073
CIE <sub>Lab</sub>	45.03, 65.97, 7.53
CIE <sub>LCh</sub>	45, 66.400, 6.507
Yxy	14.5637, 0.4984, 0.2680
Android (android.graphics.Color)	4291437153 (0xFFCA2261)
YUV	91.4140, 2.7539, 96.9839
Hunter-Lab	38.1624, 59.9112, 6.9940

# Details

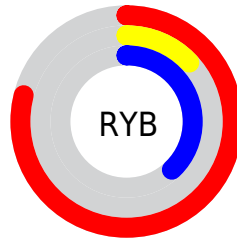
The Hex color **CA2261** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **22CA8B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF6393**, and **8D0033** is the 20% darker color. If you saturate the color by 10%, you get **CA0E54**, and if you desaturate by 10%, it is **CA366E**.

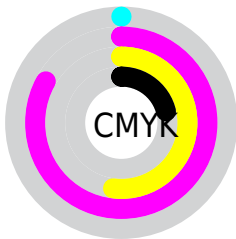
# Distribution



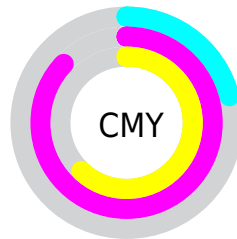
- Red (79%)
- Green (13%)
- Blue (38%)



- Red (79%)
- Yellow (13%)
- Blue (38%)



- Cyan (0%)
- Magenta (83%)
- Yellow (52%)
- Black (21%)



- Cyan (21%)
- Magenta (87%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA2261 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 CA2261 by changing the saturation by 10% instead.



CA2261

CA2261

FFFFFF

AB0049

FF6393

8D0033

FF80AE

6F001F

FF9DC9

530004

FFBAE5

350002

FFD7FF

040000

FFF5FF

000000

CA2261

CA2261

CA0E54

CA366E

■ CA004C

■ CA4A7A

■ CA5F87

■ CA7394

■ CA87A0

■ CA9BAD

■ CAAFB9

■ CAC4C6

■ CAD8D3

# Harmonies

## Analogous

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



B43598



CA2261



C2392B

# Triad

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



CA2261



3A7900



007CD1

# Complementary

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



CA2261



22CA8B

# 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.



0082AC



CA2261



00803B

# Square

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



CA2261



776C00



008276



006EDA

# Rectangle

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



CA2261



AF4E00



008276



007FC7



# Sweetspot

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



CA2261



FFBFD7



8A22CA



805968



000000



808080



# Same Dimension

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



CA2261



FF0060



CA3622



665C60



A6003E



26000E



# Inverse Universe

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



CA2261



FF0060



22B6CA



665C60



A6003E



26000E



# Previews

## White Background



This preview shows how the Hex color CA2261 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 CA2261 Background



This preview shows how black text looks on a background with the Hex color CA2261.



This preview shows how white text looks on a background with the Hex color CA2261.

# 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



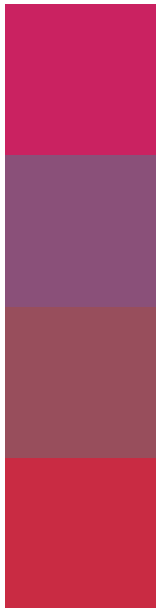
**Original Color**  
CA2261

**Protanopia**  
656B87

**Deuteranopia**  
7C6759



# Trichromacy



**Original Color**  
CA2261

**Protanomaly**  
8A5079

**Deuteranomaly**  
984E5C

**Tritanomaly**  
C92B43

# Monochromacy



**Original Color**  
CA2261

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
83465D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA2261 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 #CA2261 looks like.

```
.text, #text, p{  
    color:#CA2261  
}
```

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 #CA2261 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA2261
}
```

## Border

The CSS property to change the border of an element to Hex CA2261 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
#CA2261 }
```

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

```
.border{ border-color:#CA2261 }
```

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

Here you see how a box with a 4 pixel #CA2261 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA2261; -webkit-box-shadow:4px 4px  
4px 4px #CA2261; box-shadow:4px 4px 4px  
4px #CA2261 }
```

# Background

The CSS property to change the background color of an element to Hex CA2261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA2261 }
```

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

```
.background{ background-color:#CA2261 }
```

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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