

Converting Colors

Hex(CA59CD)

Have a look what the booklet for
Hex(CA59CD) contains.

Hex(CA59CD)	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(CA59CD)

Conversions

Conversions Part 1

Format	Color
Hex	CA59CD
RGB	202, 89, 205
RGB Percent	79%, 35%, 80%
CMY	0.2078, 0.6510, 0.1961
CMYK	0.01, 0.57, 0.00, 0.20
HSL	298°, 54%, 58%
HSV	298°, 57%, 80%
XYZ	38.9489, 24.1091, 60.3583
YIQ	136.0110, 30.1120, 60.0320

Conversions

Conversions Part 2

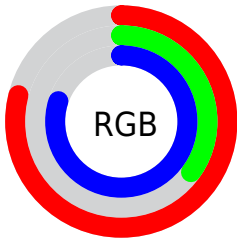
Format	Color
RYB	202, 89, 205
Decimal	13261261
CIELab	56.20, 60.19, -39.82
CIELCh	56, 72.168, 326.515
Yxy	24.1091, 0.3156, 0.1953
Android (android.graphics.Color)	4291451341 (0xFFCA59CD)
YUV	136.0110, 34.0116, 57.8724
Hunter-Lab	49.1010, 55.6668, -38.5126

Details

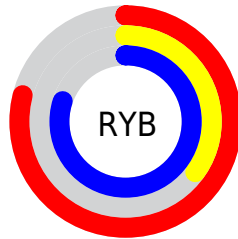
The Hex color **CA59CD** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **5CCD59**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF90FF**, and **911D96** is the 20% darker color. If you saturate the color by 10%, you get **C945CD**, and if you desaturate by 10%, it is **CB6ECD**.

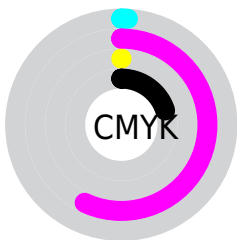
Distribution



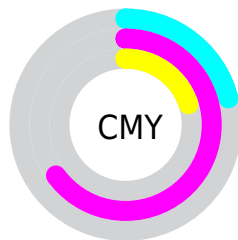
- Red (79%)
- Green (35%)
- Blue (80%)



- Red (79%)
- Yellow (35%)
- Blue (80%)



- Cyan (1%)
- Magenta (57%)
- Yellow (0%)
- Black (20%)



- Cyan (21%)
- Magenta (65%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA59CD 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 CA59CD by changing the saturation by 10% instead.

CA59CD

CA59CD

FFFFFF

AD3DB1

FF90FF

911D96

FFACFF

75007C

FFC9FF

5A0063

FFE6FF

3F004A

270033

00011C

000000

CA59CD

CA59CD

 C945CD

 CB6ECD

 C930CD

 CB82CD

 C81BCD

 CC97CD

 C807CD

 CCABCD

 C800CD

 CDC0CD

 CDD4CD

 CEE9CD

 CEFDCD

 CFFFCD

Harmonies

Analogous

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



7279F8



CA59CD



F03F91

Triad

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



CA59CD



A88200



00A2BD

Complementary

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



CA59CD



5CCD59

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.



00A27D



CA59CD



6C9300

Square

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



CA59CD



D76715



009D3C



009EEF

Rectangle

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



CA59CD



F54167



009D3C



00A3A9

Sweetspot

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



CA59CD



FED4FF



595DCD



7F6680



000000



808080

Same Dimension

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



CA59CD



FB52FF



CD5997



665C66



A100A6



250026

Inverse Universe

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



CD595C



FF5256



59CD8F



665C5C



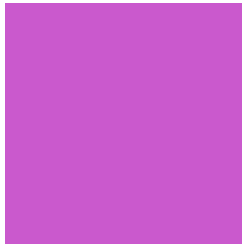
A60004



260001

Previews

White Background



This preview shows how the Hex color CA59CD looks on a white background.

Color Contrast Check

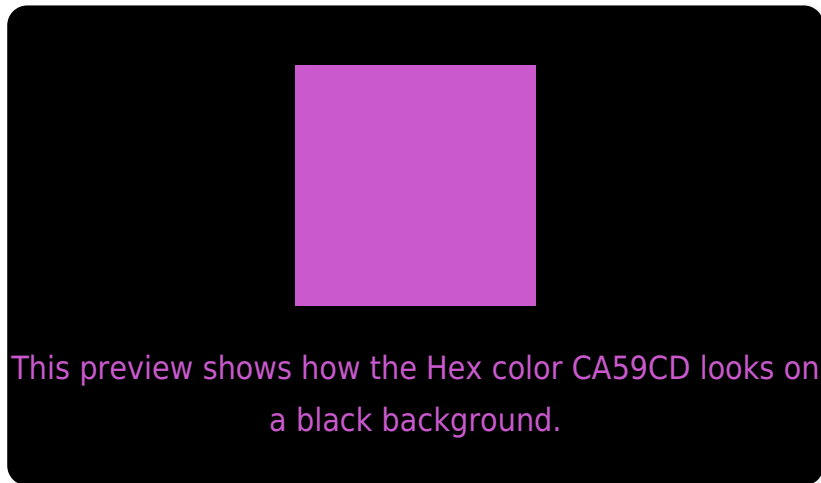
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

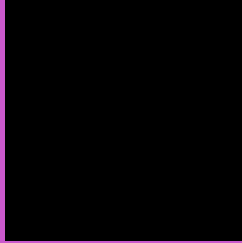
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CA59CD Background



This preview shows how black text looks on a background with the Hex color CA59CD.

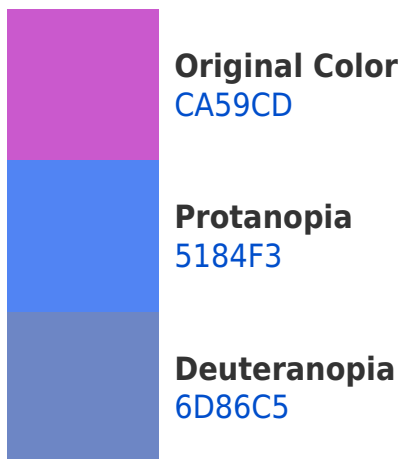


This preview shows how white text looks on a background with the Hex color CA59CD.

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





Tritanopia
C07078

Trichromacy



Original Color
CA59CD



Protanomaly
7D74E5



Deuteranomaly
8F76C8



Tritanomaly
C46897

Monochromacy



Original Color
CA59CD



Achromatopsia
888888



Achromatomaly
A077A1

CSS Examples

Text

The CSS property to change the color of the text to Hex CA59CD 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 #CA59CD looks like.

```
.text, #text, p{  
    color:#CA59CD  
}
```

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 #CA59CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA59CD
}
```

Border

The CSS property to change the border of an element to Hex CA59CD 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
#CA59CD }
```

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

```
.border{ border-color:#CA59CD }
```

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

Here you see how a box with a 4 pixel #CA59CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA59CD; -webkit-box-shadow:4px 4px  
4px 4px #CA59CD; box-shadow:4px 4px 4px  
4px #CA59CD }
```

Background

The CSS property to change the background color of an element to Hex CA59CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA59CD }
```

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

```
.background{ background-color:#CA59CD }
```

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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